BIOLOGY 2004

Time : Three hours **Max.Marks: 75**

Note: Attempt Six questions in all— including question No.1 which is compulsory. Attempt Three questions from any Section and two question from the remaining Section.

OBJECTIVE (COMPULSORY)

1.(a) Fill in the blanks with the correct answers: (05)

(i) The study of microorganisms is called **Microbiology**.

(ii) The cell wall of a plant cell is made up of **Cellulose**

(iii) **Retina** is the sensory layer of the eye.

(iv) The building blocks of proteins are called **amino acid**

(v) The fusion of sperm and ovum produces **Zygote**

(b) Select the correct answer for each from the options given within brackets: (05)

(i) The basic unit of classification is **species,** (class, species, family)

(ii) The leaves do not get heated even in sunlight due to the cooling effect of **transpiration**. (transpiration, photosynthesis, respiration).

(iii) **Plasmodium** is the causative organism of malaria. (Salmonella, Entamoeba, Plasmodium)

(iv) The functional unit of kidney is **nephron**, (Nephron, neurom, ureter)

(v) Which of the following is heritable disease: (Typhoid, malaria, **haemophilia**)

SECTION 'A' ZOOLOGY)
(SHORT –ANSWER QUESTIONS)

2.(a)✓ Draw a near and labeled diagram of an animal cell as it is seen under an electron microscope. (05)

2.(b)✓ Write four characteristics of the class Mammalian (04)

2.(c)x Describe any four hereditary characteristics of humans(04)

3.(a)x Draw a neat and labeled diagram of L.S. of the human heart. (04)

3.(b)x Write four functions of proteins. (04)

3.(c) Define the following:
(i) Aerobic Respiration (ii) Anaerobic Respiration
(iii) Pulse Rate. (iv) Hypertension.

4.(a)✓ Draw a neat and labeled diagram of the Digestive System of frog. (05)

4.(b)x Write four functions of the Skeletal System of vertebrates(04)

4.(c)✓ Write the translation of two quranic verses about the origin of life. (04)

5.(a)x Draw a neat and labeled diagram of the human Excretory System. (05)

5.(b)x Write four disorders of pituitary hormones. (04)

5.(c)x State the cause, symptoms and precautionary measures against Tuberculosis (T.B) (04)

6.(a)x Name the sense organs and write one function of each(05)

6.(b)x What is meant by Pollution? Describe four causes of Air Pollution. (04)

6.(c)✓ Describe the process of Binary Fission in amoeba with labeled diagrams. (04)

SECTION 'B' BOTANY (SHORT ANSWER QUESTIONS)

7.(a)✓ Draw a neat and labeled diagram of the Transverse Section (T.S) of the Root of brassica. (05)

7.(b)✓ Write four characteristics of Algae. (04)

7.(c)✓ Write two characteristics each of parasitic and saprophytic plants. (04)

8.(a)X Show diagrammatically the relationship between photosynthesis and Respiration in a plant cell. (05)

8.(b)x Define the following: (04)
(i) Gene (ii) Allele (iii) Genotype (iv) Phenotype.

8.(c)✓ Write four advantages of microorganisms. (04)

9.(a)X Draw a labeled diagram of the longitudinal section of Castor seed and describe its structure. (05)

9.(b)x Define the following: (04)
(i) Tactic Movement (ii) Nastic Movement (iii) Phototropism (iv) Geotropism.

9.(c) Write two functions of each of the following: (04)
(i) Stem (ii) Root (iii) Leaf (iv) Flower.

10(a) Draw a neat and labeled diagram showing the movement of water in the cells of a Root. (05)

10.(b) Define Photosynthesis, Write its chemical equation, Also write the names and one importance of each of any four necessary factors. (04)

10.(c) Name any four Muslim biologists and mention one contribution of each of them. (04)

11.(a) What is Ecosystem? Describe its biotic components. (05)

11.(b) Describe four methods of preservation of food by moist heat.

11.(c) What is meant by Dispersal of seeds and fruits? Write the characteristics of the seeds and fruits that are dispersed by wind. (04)

BIOLOGY 2005

Time: 3 hours **Max.Marks. 75**

Note: Attempt six Questions in all- including question No.1 that is compulsory, Attempt Three questions from any Section and Two question from the remaining Section.

OBJECTIVE (COMPULSORY)

1.(a) Fill in the blanks with the correct answers: **(05)**

(i) Fungi cannot manufacture their own food due to lack of **chlorophyll.** (ii) The functional unit of kidney is **nephron**.

(iii) Vitamin **K** helps in the clotting of blood.

(iv) Fruit is formed by the enlargement of **Ovary**.

(v) The cell wall of a plant cell is made up of **cellulose**.

1.(b) Select the correct answer for each from the options given within brackets: **(05)**

(i) Earthworm belongs to the phylum ____. (Protozoa, **Annelida**, Mollusca)

(ii) ____ is regarded as the powerhouse of a cell. (Ribosome, Golgi Body, **Mitocondria**)

(iii) The saliva contains an enzyme known as ____. (Lipase, **Ptyalin**, Pepsin)

(iv) The diffusion of water molecules through a semi-permeable membrane is called ___ (**Osmosis**, Turgor pressure, Root pressure)

(v) Pencillium belongs to ____. (Algae, **Fungi**, Ferns).

SECTION 'A' ZOOLOGY (Short answer questions)

2.(a)x Draw a neat and labeled diagram of the internal structure of human Kidney. **(05)**

✓**(b)** Write four characteristics of the class Aves. **(04)**

(c)x Write four functions of blood. **(04)**

3.(a)x Draw a neat and labeled diagram of the Urinogenital System of male grog. **(05)**

(b)x Write four differences between a plant cell and an animal cell

✓**(c)** What is a Tissue? Explain the animal tissues briefly. **(04)**

4.(a)x Draw a neat and labeled diagram of the internal structure of human Eye. **(05)**

(b)x State the causes, symptoms and precautionary measures against Malaria or Cholera. **(04)**

✓**(c)** Name any four Muslim scientists and write their contribution in the field of Biology. **(04)**

5.✓**(a)** Draw a neat and labeled diagram of the Respiratory System of frog. **(05)**

(b)x Differentiate between the following: **(04)**

(i) White Blood corpuscles and Red Blood Corpuscles.

(ii) Cold-blooded. Animals and Warm-blooded Animals.

(c)x Write four important points of Lamarck's Theory of Evolution.

6.(a) Draw a neat and labeled diagram of Chlamydomonas. (05)

(b) Give two useful and two harmful effects of bacteria. (04)

(c) What are hereditary diseases? Name any three hereditary diseases. (04)

SECTION 'B' BOTANY (Short Answer Questions)

7.(a) Draw a neat and labeled diagram of T-S. of the Stem of brassica. (05)

(b) Write the translation of any two Quranic verses about the importance of water for animals and plants. (04)

(c) Give a short account of the necessary conditions for the germination of a seed. (04)

8.(a) Draw a neat and labeled diagram of brassica flower. (05)

(b) Describe Cutting, Layering, Grafting and Fragmentation in plant. (04)

(c) Define Epigeal Germination and Hypogeal Germination and give examples. (04)

9.(a) Draw a neat and labeled diagram of the various stages of Germination of Castor Seed. (05)

(b) Write short notes on any Two of the following: (04)
(i) Food Chain (ii) Tropic Movement (iii) Insectivorous Plant.

(c) Define any four branches of Biology. (04)

10.(a) Describe an experiment with a diagram to show that oxygen gas is given out during photosynthesis. (05)

(b) Describe four Modes of Nutrition in animals. (04)

(c) Define the following: (04)

(i)	Transpiration	(ii)	Photosynthesis
(iii)	Ascent of Sap	(iv)	Pollination.

BIOLOGY 2006

Time: 3 Hours **(NEW COURSE)** **Max. Marks 75**

Note: Answer Six questions in all including question No.1 which is compulsory, Choose Three questions from any Section and Two questions from the other Section.

OBJECTIVE (Compulsory)

Note: In question No.1, write down the answer only against the proper number of each part of the questions.

1.(a) Fill in the blanks with the correct answers: **(05)**

(i) The reproductive parts of a higher plant are **Androecium's and Gynoecium**.

(ii) The study which deals with the classification of living organisms is called **Taxonomy**.

(iii) Wittaker proposed **five** Kingdoms for living organisms.

(iv) Gymnosperms have **naked** kinds of ovules.

(v) Accumulation of **Lactic Acid** causes the muscles to fatigue.

1.(b) Select the correct answer for each from the options given within brackets. **(05)**

(i) The nucleus of the cell was discovered by ——.
(Robert Hooke, Sehleiden, **Robert Brown**, Virehow)

(ii) Mustard belongs to the family ——.
(**Brassicaceae**, Poaeceae, Rosaceae, Palmaceae)

(iii) Bacilli bacteria are ——.
(Rounded, **Rod-shaped**, Spiral-shaped, Curved)

(iv) —— is not a cold-blooded animal. (Fish, **Cat**, Frog, Snake)

(v) Cuscuta plant is a ——.
(**Total parasite**, Partial parasite, Saprophyte, Symbiont)

SECTION 'A' (ZOOLOGY)

(Short Answer Questions)

2.(a) Draw a neat and labelled diagram of the structure of human Tooth. **(05)**

(b) What are the disorders of the Respiratory System? How is the risk to health associated with cigarette smoking? **(04)**

(c) Define Aerobic Respiration and Anaerobic Respiration and write one chemical equation of each. **(04)**

3.(a) What is Biology? Define any four branches of Biology. **(05)**

(b) Write four characteristics of the phylum Protozoa. **(04)**

(c) Write four characteristics of a Virus. **(04)**

4.(a) Draw a neal and labeled diagram of the ventral view of Heart of frog. **(05)**

(b) Name any four regions found in the Brain of frog and define them. **(04)**

(c) Write the names of any four Muslim scientists and give one contribution of each of them to Biology. (04)

5.(a) Draw a neat and labelled diagram of the human Digestive System. (05)

(b) Define Biogenesis and Abiogenesis. Explain Needham's experiment that supports Abiogenesis. (04)

(c) Write the names of any eight placental mammals. (04)

6.(a) Write five differences between a Prokaryotie Cell and a Eukaryotic cell. (05)

(b) Write four characteristics of the phylum Arthropoda. (04)

(c) Define and give one example of each of the following: (04)

(i) Carnivores (ii) Herbivores
(iii) Omnivores (iv) Frugivores

SECTION 'B' (Botany)

(Short Answer Questions)

7.(a) Draw a neat and labelled diagram of the T.S. of the Root of brassica. (05)

(b) How is A.T.P. formed in a cell? Explain. (04)

(c) Write an experiment to prove that carbon dioxide is necessary for photosynthesis. (04)

8.(a) Draw a neat and labeled diagram showing the internal structure of a Rod-shaped Bacterium. (05)

(b) Write four points of economic importance of fungi. (04)

(c) Write four differences between a Dicot plant and a Monocot plant. (04)

9.(a) Draw a neat and labeled diagram of the internal structure of Chlamy domonas. (05)

(b) Write four characteristics of the phylum Porifers. (04)

(c) Define the following: (04)

(i) Biological Method (ii) Hypothesis
(iii) Theory (iii) Biotechnology.

10.(a) Draw a neat and labeled diagram to show the relation between Cellular Respiration and Photosynthesis. (05)

(b) Write a note on the flora of Pakistan. (04)

(c) Define the following. (04)

(i) Species (ii) Order
(iii) Class (iv) Phylum

11.(a) Define the following: (05)

(i) Observation (ii) Metabolism
(iii) Deduction (iv) Experiment
(v) Vitamin.

(b) What are Heterotrophic plants? Define the following: (04)

(i) Parasites (ii) Saprophytes (iii) Insectivores

(c) With the help of a labeled diagram explain the structure of Adiantum. (04)

BIOLOGY 2007

Time: 3 hours Max. Marks: 75

Note; Attempt Six questions in all including question No.1 which is compulsory. Choose Three questions from any Section and Two questions from the remaining section.

OBJECTIVE (COMPULSORY)

Note: In question No.1 write down only the answer against the proper number of the part questions.

21.(a) Fill in the blanks with the correct answers: (05)

(i) The innermost whorl of a flower is **Gynoecium**.

(ii) **Bu Ali Sina** was considered one of the founders of medicine

(iii) The chemical name of cane sugar is **Sucrose**.

(iv) Mycelium of fungi is made up of **Hyphac**.

(v) Ginger and Potato are examples of **underground** stems.

(b) Select the correct answer for each from the options given within brackets: (05)

(i) Kitab-ul-manazir is written by ______
(**Ibn-ul-Haitham**, Avecina, Al-Razi, Jabir-bin-Hayan)

(ii) ______ is considered the building material of protoplasm.
(Lipids, Carbohydrates, Vitamins, **Proteins**)

(iii) ______ has no teeth in the mouth. (Shark, Frog, Elephant, **Sparrow**)

(iv) Agaricus is commonly known as ______
(Bread mold, Yeast, **Mushroom**, All of them)

(v) Alshifa and Alqanoon fit-Tib are written by ______
(M.Bin Zikria Razi, Ibnul Haitham, **Abu-Ali Sina**)

SECTION "A" ZOOLOGY

(SHORT ANSWER QUESTIONS)

2.(a) Draw a neat and labeled diagrams of the four stages of the Mitotic Division in an animal cell. (05)

(b) Write a note on the fauna of Pakistan. (04)

(c) Describe the importance of the Vitamins A, B, C and D(04)

3.(a) Draw a neat and labeled diagram of the Brain of frog. (05)

(b) Write four characteristics of the phylum Annelida. (04)

(c) Define Complete Metamorphosis and Incomplete Metamorphosis and give examples. (04)

4.(a) Write down four characteristics of the class Mammalia(04)

(b) Differentiate between the Warm blooded and Cold blooded animals. Give one example of each and describe the class of the examples. (05)

(c) Write four characteristics of the phylum Mollusca. (04)

5.(a) Draw a neat and labeled diagram of the human Digestive System. (05)

(b) Write names of different ENDOCRINE Glands and names of Hormones secreted by these glands. (04)

(c) Define Biogenesis and describe by proving Louis Pasteur's experiment. (04)

6.(a) Draw a neat and labeled diagram of the internal parts of the Ear of frog. (05)

(b) Define and give one example of each of the following: (04)
(i) Carnivores (ii) Herbivores (iii) Omnivores (v) Frugivores

(c) What is Biology? Define any four branches of Biology.(04)

SECTION"B" BOTANY (SHORT ANSWER QUESTIONS)

7.(a) Draw a neat and labeled diagram of the T.S. of the steam of brassica. (05)

(b) Describe fertilization in Funaria. (04)

(c) Write four points on the importance of a Vascular plant(04)

8.(a) Draw a neat and labeled diagram showing the internal structure of a Rod shaped Bacterium. (05)

(b) Write the names of the four whorls of a flower of brassica and write one function of each. (04)

(c) Write four differences between a Monocot plant and a Dicot plant. (04)

9.(a) Draw a neat and labeled diagram to show the relation between Cellular Respiration and Photosynthesis. (05)

(b) Write a note on the flora of Pakistan. (04)

(c) Write short notes on the following: (04)
(i) Endoplasmic Reticulum (ii) Mitochondria.

10.(a) Explain the structure of Nostoc with the help of a labeled diagram. (05)

(b) Define the following: (04)
(i) Observation (ii) Metabolism (iii) Deduction
(iv) Vitamin (v) Experiment.

(c) State the following parts of a Brassica flower: (04)
(i) Calyx (ii) Corolla (iii) Androecium (iv) Gynoecium

11(a) What are Heterotrophic plants? Write short notes on Saprophytes and Insectivorous plants. (05)

(b) With the help of labeled diagram explain the structure of Adiantum. (04)

(c) From where do water plants get carbon dioxide (CO_2) for their food making process? (04)

BIOLOGY 2008

Time: 3 hours **Max. Marks: 75**

Note:- Attempt Six questions in all including question No.1 which is compulsory. Select Three questions from one Section and Two questions from the remaining Section.

OBJECTIVE (COMPULSORY)

Note: In question No.I do not copy down the part questions in your answer book. Write only the answer against the proper number of the question and. its part according to the question paper.

1.(a) Fill in the blanks with the correct answers:- (05)

- (i) The basic unit of biological classification is **cell**.
- (ii) Leaves remain cool even in sunlight due to the cooling effect of **transpiration**.
- (iii) Adiantum has a spore-producing body found at **sort**.
- (iv) **Gills** are the respiratory organs in fish,
- (v) Malaria is caused by **plasmodium**.

(b) Select the correct answer for each from the options given within brackets:- (05)

- (i) The intelligent guess of a scientist in the form of statement is called ______ (an expefiment, a prediction, **a hypothesis**, a theory)
- (ii) Which of the following is not an alga? Chlorella,. Volvox, Spirogyra, **Yeast**)
- (iii) Which one of the following is not a cold-blooded animal? (Fish, **Cat**, Frog, Snake)
- (iv) Which one of the following secretions is the most acidic? (**Gastric juice,** Pancreatic juice. Bile, Saliva)
- (v) A flower of Braseica contains —— petals. (3, **4**, 5, 6)

SECTION 'A' (ZOOLOGY) (Short—Answer Questions)

2.(a) Compare, by drawing a chart, the composition of inhaled and exhaled air-in human beings. (05)

(b) Write four common characteristic's of Virus. (04)

(c) Define Biogenesis and Abiogenesis. Explain Needham's experiment that supports Abiogenesis. (04)

3.(a) Draw a. neat and labeled diagram of the structure of a human Tooth. (05)

(b) Define and give one example of each of the following: (04)

(i)	Herbivores	(ii)	Carnivores
(iii)	Omnivores	(iv)	Frugivores

(c) What is the Portal System? How many kinds of portal Systems are found in frog? Name them. (04)

4.(a) Draw a neat and labeled diagram of the Digestive System of frog. (05)

(b) Write four characteristics of Mammals. (04)

(c) Write the translation of any two Quranic verses about the origin of life. (04)

5.(a) Define the term Ventilation. Draw two neat and labelled diagrams showing the two stages of ventilation i.e. inspiration and expiration in the human Respiratory System.

(b) What is meant by Flora and Fauna? Write a short note on .the fauna of Pakistan. (05+04)

(c) What is meant by the term Metamorphosis? Define complete Metamorphosis and Incomplete Metamorphosis. (04)

6.(a) Describe Five kingdom classification of Margulis and Schwartz. (05)

(b) Write short notes on the following:- (04)

(i) Bronchitis (ii) Tuberculosis

(c) Write four-characteristics of the phylum Echinodermata. (04)

SECTION 'B' (BOTANY) (Short-Answer Questions)

7.(a) Write five differences between a Prokaryotic Cell and a Eukaryotic Cell. (05)

(b) Write two similarities between respiration and combustion and two differences between photosynthesis and respiration.

(c) What are Insectivorous plants? Draw a neat and labeled diagram of the Leaf of a pitcher plant. (04+04)

8.(a) Draw a neat and labeled diagram of the T.S. of the Root of brassica. (05)

(b) Describe an experiment to prove that carbon dioxide is essential for photosynthesis. (04)

(c) Write four differences between a Monocot plant and a Dicot plant. (04)

9.(a) Draw a neat and labelled diagram of a plant cell showing that photosynthesis consists of light-dependent and light-independent reactions. (05)

(b) Write two advantages and two disadvantages of Fungi. (04)

(c) What is Taxonomy? What is the basis of classification? Also define 'species'. (04)

10.(a) Draw a neat and labelled diagram of a rod-shaped Bacterium. (05)

(b) Write one function of each of the following:- (04)

(ii) Mitochondria (ii) Golgi Bodies

(iii) Ribosomes (iv) Endoplasmic Reticulum

(c) Write four salient features of Cyanobacteria (blue green algae). (04)

11.(a) Draw a neat and labeled diagram of Chlamydomonas. (05)

(b) Write four general characteristics of .Tracheophytes. (04)

(c) Define Aerobic Respiration and write its chemical equation. Also define Anaerobic Respiration and write its chemical equation for bacteria and fungi. (04)

BIOLOGY 2009

Time: 30 Minutes Max. Marks: 15

SECTION "A" (COMPULSORY)
(MULTIPLE CHOICE QUESTIONS)

Instruction: This paper of compulsory Biology Theory Paper-I (Class ix – New Course) consists of two separate question papers. Paper I (Section "A") consists of only M.C.Q's. This paper of 30 minutes duration will be given to you first of all and collected back as soon the time is over. Then you will be given the next paper of 2 ½ Hours consisting of short-Answer Questions (Section "B") and detailed-Answer Questions (Section "C").

NOTE: (i) Attempt all the questions from this Section.

(ii) Do not copy down the part questions in your answer book. Write only the answer in full against the proper number of the question and its part.

(iii) Each question carries one mark.

(iv) The Code of your question paper must be mentioned in bold letters in the answer script.

1. Choose the correct answer for each from the given options: (15)

1. The number of chromosomes in each human cell is:
   (A) 23 (B) 26 (C) 36 (D) 46
2. The Sensory layer of eyeball is:
   (A) Selerotic (B) Chorid (C) Retina (D) Cornea
3. Which of the following secretion is the most acidic?
   (A) Gastric Juice (B) Pancreatic Juice(C) Bile (D) Saliva
4. The innermost whorl of a flower is:
   (A) Calyx (B) Androcium (C) Corolla (D) Gynoecium
5. Which one of the following is not a cold-blooded animal
   (A) Fish (B) Cat (C) Frog (D) Snake
6. Microscope was invented by:
   (A) Galileo (B) Robert Hooke (C) Schliden (D) Redi
7. Respiratory organ of an insect is: (A) Flame cell
   (B) Lungs (C) Tracheal tube (D) Malphigian
8. Carbon dioxide is necessary for:
   (A) Respiration (B) Photosynthesis
   (C) Transpiration (D) Osmosis
9. Movement in amoeba occurs by:
   (A)Cilia (B) Flagella (C) Pseudopodia (D) Limbs
10. The melodious voice of many birds comes from:
    (A) Syrinx (B) Larynx (C).Pharynx (D) Glottis
11. Seed develops from:
    (A) Flower (B) Ovary (C) Ovule (D) Plant

12. The part of stem from where leaf arises is:
(A) Node (B) Internode (C) Petiole (D) Lamina

13. Nostoc belongs to:(A) Cocci Bacteria (B) Eubacteria
(C) Cyano Bacteria (D) None of the

14. The group of merchantia is:
(A) Hepaticae (B) Musci (C) Mosses (D) Anthocerot

15. Which of the following is not an algae?
(A) Chlorella (B) Volvox (C) Spirogyra (D) Yeast

BIOLOGY 2009

Time: 2 ½ Hours Max. Marks: 70

Instruction: This paper consisting of Short-Answer Questions (Section "B") and Detailed-Answer Questions (Section "C") will be given after 30 minutes and its total duration will be 2 ½ hours only.

SECTION "B" (SHORT-ANSWER QUESTIONS)
(ZOOLOGY)

NOTE: Answer any Seven questions from this section. Each questions carries 3 marks. No answer should exceed 03 to 04 sentences. (21)

2. Define Paleontology. Microbilogy & Biotechnology.
3. Draw a neat and labeled diagram of the Urinogential system of a male frog.
4. Write three functions of Blood OR name three important arteries of the Areterial Syatem.
5. Write any three differences between Light Microscope and Electronic Microscope.
6. Write note on any Two of the following:
   (i) Measles (ii) Tuberculosis
   (iii) Lung cancer (iv) Cholera
7. Define the following:
   (i) Operculum (ii) Book Lungs (iii) Fangs
8. State Lamarck's Theory of Evolution.

OR Describe the Biogenesis and Abiogenesis Theory.

9. Write the names of three Endrocrine glands. Also write the name of one hormone secreted by each of them.

OR Define Metamorphosis and name any two of its type

10. Define the following and give one example of each:
    (i) Herbivores (ii) Insectivores (iii) Carnivores
11. Write three characteristics of Aves.

BOTANY

NOTE: Answer any Seven questions from this Section. Each question carries 03 marks. No answer should exceed 3 to 4 sentences. (21)

12. Draw a labeled diagram of the Longitudinal Section of Brassica Flower.
13. Write three advantages of bacteria.
14. What is Pollination? Name its two types.

OR Write any three differences between Angiosperm and Gymnosperm.

15. Write one function of each of the following:
(i) Root (ii) Stem (iii) Leaf
16. Define germination and write the names of any two of its kind. **OR** Describe the three groups of Bryophytes.
17. Draw a labeled diagram of Chlamydomonas.
18. Define the following:
(i) Producer (ii) Consumer (iii) Decomposer

OR Write a note on Flora of Pakistan.

19. Write three salient features of Cynobacteria (Blue Green Algea)
20. What is Taxonomy? What is the basis of its classification?
21. What are Plastids? Describe any two types of them.

SECTION 'C' (DESCRIPTIVE-TYPE QUESTION)

ZOOLOGY

NOTE: Attempt Two questions from this Section. Each question carries 07 marks. (14)

22. Draw a neat and labeled diagram of the Eye of frog.

OR Draw a labelled diagram of L. S. of a human kidney.

23. Define Ecosystem. Describe Biotic and Abiotic components of an ecosystem.

OR Define Aerobic and Anaerobic respiration. Describe the importance of Anaerobic respiration.

24. Define Mitosis. Write the names of three different phases of Mitosis. Describe the significance of mitosis. (no diagram is needed).

BOTANY

NOTE: Attempt Two questions from this Section. Each question carries 07 marks. (14)

25. Define Transpiration. Write five factors affecting the rate of transpiration.

OR Define Photosynthesis. Write the five actors which are necessary for the process of photosynthesis.

26. What is a Tissue? Describe the meristematic tissue and simple tissue. Name the three kinds of a simple tissue.
27. What is meant by Dispersal of seeds and fruit? Describe any two methods o dispersal of seeds and fruits.

OR Define Autotrophic and Heterotrophic plants. Describe parasitic and insectivorous plants.

BIOLOGY 2010

Time: 30 Minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (15)

(i) He is the founder of Genetics;
(A) Gregor John Mendol (B) Charles Darwin
(C) Galileo (D) William Harvey

(ii) In the heart of frog the number of chamber is:
(A) Two (B) Three (C) Four (D) Five

(iii) Agaricus is commonly known as:
(A) Mushroom (B) Yeast
(C) Bread mold (D) Water mold

(iv) This vitamin is essential for vision:
(A) Vitamin A (B) Vitamin B
(C) Vitamin C (D) Vitamin D

(v) Kitab-ul-Manazir is written by:
(A) Ibn-ul-Haithim (B) Bu Ali Sina
(C) Al Razi (D) Al-Farabi

(vi) This bird cannot fly:
(A) Kiwi (B) Pigeon (C) Parrot (D) Sparrow

(vii) Cow is: (A) Herbivorous (B) Carnivorous
(C) Frugivorous (D) Omnivorous

(viii) The group of funaria is:
(A) Hepaticae (B) Musci or Mosses
(C) Horn worts (D) Pteris.(fern)

(ix) It has no teeth in the mouth.
(A) Shark (B) Bird (C) Frog (D) Elephant

(x) These are the respiratory organs of fishes:
(A) Gills (B) Lungs (C) Trachea (D) Celia

(xi) A leafless plant cuscuta is a/an:
(A) Total parasite (B) Partial parasite
(C) Saprophyte (D) Omnivorous

(xii) It is caused by a plasmodium:
(A) Malaria (B) Tuberculosis
(C) Cholera (D) Dysentery

(xiii) Amoeba belongs to the phylum.
(A) Protozoa (B) Arthropoda
(C) Mollusca (D) Porifera

(xiv) It is the tissue that conducts water and salts in plants:
(A) Xylem (B) Phloem (C) Cambium (D) Pith

(xv) It is not a cold-blooded animal:
(A) Fish (B) Cat (C) Frog (D) Snake

BIOLOGY 2010

Time: 2 ½ Hours | Max. Marks: 68

Instruction: This paper consisting of Short-Answer Questions (Section "B") and Detailed-Answer Questions (Section "C") will be given after 30 minutes and its total duration will be 2 ½ hours only.

SECTION "B" (SHORT-ANSWER QUESTIONS)

ZOOLOGY (MARKS 21)

NOTE: Answer 7 questions from this section.

2. Write the names of any three Muslim scientists and give one contribution of each of them in the field of Biology.

3. Name three important articles of the Arterial System of frog. **OR** Write three functions of Blood.

4. Draw a neat and labeled diagram of the structure of a human Tooth.

5. Write the translation of any One Quranic verse about the usefulness of plants and animals to human beings.

OR Define any Two of the following:
(i) Kidney stone (ii) Enzymes (iii) Gene

6. Name three components and its harmful effects of cigarette and its smoking on human health.

7. Describe theory of Biogenesis & Abiogenesis in brief.

OR Write 3 salient features of Darwin's Theory of Evolution.

8. Explain any Two of the following:
(i) Appendicitis (ii) Tuberculosis
(iii) Cataract (iv) Paralysis

9. Write three characteristics of the phylum Arthropoda.

10. Define any Two of the following:
(i) Hibernation or Winter sleep (ii) Metamorphosis
(iii) Cold-blooded and Warm-blooded animals
(iv) Book Lungs

OR Write the importance of any Two of the following:
(i) Genetic Engineering (ii) Poultry
(iii) Transgenic (iv) Mitosis

11. Write three differences between a Prokaryotic cell and a Eukaryotic cell.

OR Write three functions of Endoskeleton in man.

(SHORT-ANSWER QUESTIONS)

BOTANY (MARKS 21)

NOTE: Answer 7 questions from this section.

12. Describe any 3 type of bacteria according to their shape.

OR Define Pollution. Name any two types of Pollution.

13. Define any Two of the following
    (i) Hyphae (ii) Taxonomy
    (iii) Aerobic bacteria (iv) Transpiration

OR What are Antibiotics? Write the names of any two types of antibiotics.

14. Write three points of economic importance of Fungi.

OR What is Pollution? Describe any two of its types.

15. Write three morphological differences between a Monocot plant and a Dicot plant

OR Write any three advantages and disadvantages of vegetative propagation.

16. Write three salient features of Cyanobacteria or Blue-Green Algae.

OR Define Germination and write the names of any two of its types.

17. Write three points on the importance of vascular plants.

OR What is a Community? Write the names of the components of a Community.

18. Write three differences Aerobic Respiration and Anaerobic Respiration.

OR Describe Phototropism and Geotropism.

19. Write a short note on the Flora of Pakistan.

20. Write three differences between Combustion and Photosynthesis.

21. Describe any Two of the following:
    (i) Stomata (ii) Plastids (iii) Meristematic tissues

SECTION 'C' (DETAILED-ANSWER QUESTIONS)

ZOOLOGY (MARKS 14)

NOTE: Attempt 2 questions from this section.

22. What is a Tissue? Describe any two types of animal tissues with the help of a labeled diagram.

OR Describe the structure of Neuron. Write the names and the working of any two types of neuron according to their functions.

23. What is the Portal System? Write two types of the Portal System in frog.

OR What are the components of Blood? Describe each of them in detail with diagram.

24. Draw a neat and labeled diagram of the vertical section of the human Eye.

OR Draw a neat and labeled diagram of the human Respiratory System.

(DETAILED-ANSWER QUESTIONS)

BOTANY (MARKS 14)

NOTE: Attempt 2 questions from this section.

25. Draw a neat and labeled diagram of the Longitudinal section of the flower of Brassica.

OR Draw a neat and labeled diagram of the transverse section of the dicotylednous stem of Sunflower.

26. Define Autotrophic and Hetertrophic plants and describe Saprophytes and Insectivorous plants.

OR Define Movement, Stimulus and Response in plants. Describe any two types of movements in plants due to the action of external stimuli.

27. Describe an experiment to prove that oxygen gas is evolved during Photosynthesis. Draw its labeled diagram also.

OR What is meant by Dispersal of seeds and fruits? Describe any two methods of dispersal of seeds & fruit.

BIOLOGY 2011

Time: 30 Minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (15)

(i) Amoeba moves with the help of:
(a) Cilia (b) Pseudopodia (c) Flagella (d) Limbs

(ii) Cigarette-smoke contains---------------.
(a) Nicotine (b) Tar (c) CO (d) All of them

(iii) D.N.A is formed in ---------.
(a) Nucleus (b) Chromosome
(c) Cell (d) Nucleoplasm

(iv) Who discovered cell, the basic unit of living organism:
(a) Galileo (b) Robert Hook

(c) William Harvey (d) Linnaeus

(v) Crocodile belongs to Class:
(a) Amphibian (b) Reptilian
(c) Aves (d) Mammalia

(vi) The study of microscopic organisms is called ----------.
(a) Morphology (b) Cytology
(c) Microbiology (d) Embryology

(vii) The basic unit of classification is ----------.
(a) Phylum (b) Order (c) Class (d) Species

(viii) ---------- is an egg laying mammal.
(a) Whale (b) Duck billed platypus
(c) Kangaroo (d) Bat

(ix) The seed is a ----------.
(a) Ripened ovule (b) Ripened ovary
(c) Endosperm (d) Cotyledon

(x) The intelligent guess of a scientist in the form of statement is called: (a) Deduction (b) Theory
(c) Hypothesis (d) Law

(xi) The fourth whorl of a flower is ----------.
(a) Androecium (b) Gynoecium
(c) Calyx (d) Corolla

(xii) Which of the following is a gill breathing animal?
(a) Frog (b) Fish (c) Whale (d) Turtle

(xiii) Tuberculosis is caused by:
(a) Virus (b) Bacteria
(c) Worm (d) None of them

(xiv) Scurvy is caused by the deficiency of Vitamin ----------.
(a) K (b) A (c) B (d) C

(xv) Horse tails are the common name of ----------.
(a) Psilopsida (b) Lycopsida
(c) Sphenopsida (d) Pteropsida

BIOLOGY 2011

Time: 2 ½ Hours Max. Marks: 68

Instruction: This paper consisting of Short-Answer Questions (Section "B") and Detailed-Answer Questions (Section "C") will be given after 30 minutes and its total duration will be 2 ½ hours only.

SECTION "B" (SHORT-ANSWER QUESTIONS)

ZOOLOGY (MARKS 21)

NOTE: Answer 7 questions from this section.

2. Define the following branches of Biology:
(a) Palentology (b) Embryology (c) Genetics

3. Write down any three characteristics of Phylum Echinodermata.
4. Write down any three types of animal tissues.

OR Give any three differences between sexual and asexual reproduction.

5. Define Portal system. Name two types of Portal system found in frog.
6. Define cold blooded and warm blooded animals. Give one example of each.

OR Name the units of Classification.

7. Write down the names of three subgroups of mammals with one example of each.
8. Name three Muslim biologists and write one contribution of each in the field of Biology.
9. Draw a neat and labelled diagram of Excretory and Reproductive System of Male frog.

OR Write three health problems related to nutrition in man.

10. Define any Two of the following: (a) Mitosis (b) Digestion (c) Appendicitis (d) Species
11. Write three differences between Arteries and Veins.

OR Write three function of Skeleton in man.

(SHORT-ANSWER QUESTIONS)

BOTANY (MARKS 21)

NOTE: Answer 7 questions from this section.

12. Draw a neat and labeled diagram of Funaria plant OR Chamydomonas.
13. Define photosynthesis. Write its chemical equation.
14. Give any three differences between Angiosperm & Gymnosperm Plants.

OR Define Osmosis and Transpiration in plants.

15. Write down three differences between photosynthesis and respiration.
16. Describe three types of Plastids.
17. Write three Points of importance of Bacteria.
18. Define Parasites, Saprophytes & Insectivorous plants.
19. Describe any two of the following:
    (a) Bryophytes (b) Eukaryotic Cell
    (c) Stomata (d) Phototropism
20. Define simple tissue and complex tissue in plants. Write two examples of each.
21. Define Hypogeal germination and Epigeal germination.

OR Write two functions each of Root and leaf in plants.

SECTION 'C' (DETAILED-ANSWER QUESTIONS)

ZOOLOGY (MARKS 14)

NOTE: Attempt 2 questions from this section.

22. Draw neat & labeled diagram of artereial system of frog

OR Draw a neat & labeled diagram of L.S. of human kidney

23. Describe Lamarck's Theory of Evolution with two examples.

OR Write different types of teeth in man and describe their functions.

24. Describe Fauna of Pakistan.

OR Define Endocrine glands. Name three endocrine glands. Also write one hormone secreted by each.

(DETAILED-ANSWER QUESTIONS)

BOTANY (MARKS 14)

NOTE: Attempt Two questions from this section. Each question carries 7 marks.

25. Draw a neat and labeled diagram of the T.S. of the root of Brassica.

OR Write five points of importance of transpiration in plants. Describe two factors which affect transpiration.

26. Define Tactic and Nastic movements in plants and describe two types of each movement.

OR Write down any seven points of importance of Vascular plants.

27. Describe an experiment to prove that Carbon dioxide is necessary for Photosynthesis. Draw a labeled diagram also.

BIOLOGY 2012

Time: 30 Minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (15)

(i) Tuberculosis is caused by:
(a) Virus (b) Bacteria (c) Worm (d) None of these

(ii) It is not an alga:
(a) Chlorella (b) Volvox (c) Spirogyra (c) Yeast

(iii) It is an insectivorous plant:
(a) Nostoc (b) Pitcher plant (c) Cuscuta (d) Monotropa

(iv) Mycelium of Fungi is made up of:
(a) Sori (b) Sporangium (c) Gamete (d) Hyphae

(v) Scorpion belongs to Phylum:
(a) Arthropoda (b) Echinodermata (c) Mollusca (d) Annelida

(vi) The family of mustard is:
(a) Brassicaceae (b) Poaeceae (c) Rosaceae (d) Palmaceae

(vii) The excretory organs in earth worm are:

(a) Flame Cells (b) Setae (c) Cilia (d) Nephridia

(viii) Study of structure, functions and composition of cell and cell organelles is called:

(a) Cytology (b) Histology (c) Anatomy (d) Physiology

(ix) He was considered as one of the founders of medicine:

(a) Ali bin Isa (b) Ibn al Haitham

(c) Bu Ali Sina (d) Jabir Bin Hayan

(x) The outer most whorl of flower is:

(a) Gynoecium (b) Androecium (c) Corolla (d) Calyx

(xi) It is not cold blooded:

(a) Fish (b) Cat (c) Frog (d) Snake

(xii) The number of chambers in the heart of frog is:

(a) Two (b) Three (c) Four (d) Five

(xiii) It is called the power house of cell:

(a) Mitochondria (b) Golgi Complex

(c) Centrosome (d) Ribosome

(xiv) Plants which derive their food from dead organic matter are called:

(a) Parasites (b) Saprophytes

(c) Insectivores (d) Symbionts

(xv) Vitamin which helps in clotting of blood is:

(a) A (b) D (c) K (d) C

BIOLOGY 2012

Time: 2 ½ Hours Max. Marks: 68

Instruction; This paper consisting of Short-Answer Questions (Section "B") and Detailed-Answer Questions (Section "C") will be given after 30 minutes and its total duration will be 2 ½ hours only.

SECTION "B" (SHORT-ANSWER QUESTIONS)

ZOOLOGY (MARKS 21)

NOTE: Answer any 7 questions from this section. Each questions carries 3 marks.

2. Draw a neat and labelled diagram of Ventral view of Heart of Frog.

3. Write three salient features of the cell theory.

OR Draw a neat and labelled diagram of Rod Shaped Bacterium.

4. Define the following:
   (i) Hypothesis (ii) Biotechnology (iii) Theory

5. Write names of any three books of Abdul Malik Asmai.

OR Name three main arteries of the arterial system of Frog.

6. Define Taxonomy. What is Binomial nomenclature?
7. Write three characteristics of Phylum Annelida.
8. Write three difference between arteries and veins.

OR Name three endocrine glands also write one hormone secreted by each gland.

9. Describe three types of respiration in Frog.

OR Define Metamorphosis. Write two types of Metamorphosis with examples.

10. Write three differences between a Prokaryotic cell and Eukaryotic cell.
11. Name three components of Cigarette smoke and their harmful effects on human health.

(SHORT-ANSWER QUESTIONS)

BOTANY (MARKS 21)

NOTE: Answer any 7 questions from this section. Each questions carries 3 marks.

12. Write three general characters of Cyanobacteria (Blue green Algae).
13. Write three points of importance of Fungi.
14. Write 3 differences between Dicot. plants & Monocot. plants
15. What are Antibiotics? Write the name of any two types of antibiotics.

OR Write two functions of Root and Leaf.

16. Write three differences between Combustion and Photosynthesis.

OR Define the following:
(i) Producers (ii) Consumers (iii) Decomposer

17. Draw a neat and labeled diagram of Flower of Brassica.

OR Define the following:
(i) Osmosis (ii) Transpiration (iii) Stomata

18. Write names of three main groups of Bryophytes.

OR Draw a neat and labelled diagram of an Adiantum Plant.

19. Define the following:
(i) Parasites (ii) Saprophytes (iii) Symbionts
20. Describe three factors affecting the rate of transpiration.

OR Describe five kingdom classification of whittaker.

21. Define Tropic movement and explain any one of tropic movement.

OR Describe two conducting tissues of plants.

SECTION 'C' (DETAILED-ANSWER QUESTIONS)

ZOOLOGY (MARKS 14)

NOTE: Attempt Two questions from this section. Each question carries 7 marks.

22. What is Tissue? Describe four types of animal tissues with the help of labelled diagrams.

<u>OR</u> Draw a neat and labelled diagram of human respiratory system.

23. What are the components of Blood? Describe each one of them in detail with diagram.

<u>OR</u> Draw a neat and labelled diagram of the eye of Frog.

24. Describe Darwin's theory of evolution and explain its four important points in detail.

<u>OR</u> Draw a neat & labelled diagram of human alimentary canal.

(DETAILED-ANSWER QUESTIONS)

BOTANY (MARKS 14)

NOTE: Attempt Two questions from this section. Each question carries 7 marks.

25. Describe the different parts of Brassica flower and write their functions. Draw diagram of Stamen and Carpel.

26. What is meant by dispersal of seeds and fruits? Describe any two methods of dispersal.

<u>OR</u> Define Fauna and Flora? Describe the Flora of Pakistan.

27. Describe an experiment to prove that Carbon dioxide is needed for Photosynthesis. Draw its labeled diagram also.

BIOLOGY 2013

Time: 30 minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

(i) The tissue which conducts water and salts in plants is called: (a) Xylem (b) Phloem (c) Cambium (d) Pith

(ii) The sensory Layer of eyeball is:
(a) Sclerotic (b) Choroid (c) Retina (d) Cornea

(iii) The part of stem which gives rise to leaf is called:
(a) Node (b) Internode (c) Petiole (d) Lamina

(iv) The number of chromosomes in each cell is:
(a) 23 (b) 26 (c) 36 (d) 46

(v) Typhoid is a disease of:
(a) Kidneys (b) Lungs (c) Liver (d) Intestine

(vi) Nephrons are connected with:
(a) Respiratory system (b) Nervous system
(c) Circulatory system (d) Excretory system

(vii) The respiratory organs of insects are:
(a) Flame Cells (b) Malpighian tubules
(c) Tracheae (d) Lungs

(viii) Which of the following is a gill breather?
(a) Frog (b) Fish (c) Whale (d) Turtle

(ix) Agraicus is commonly known as:
(a) Bread mold (b) Yeast (c) Mushroom (d) All of them

(x) Amoeba moves with the help of:
(a) Cilia (b) Pseudopodia (c) Flagella (d) Limbs

(xi) Crocodile belongs to class:
(a) Amphibia (b) Reptilia (c) Aves (d) Mammalia

(xii) The basic unit of classification is:
(a) Phylum (b) Order (c) Class (d) Species

(xiii) The seed is a:
(a) Ripened ovule (b) Ripened ovary
(c) Endosperm (d) Cotyledon

(xiv) The fourth whorl of a flower is:
(a) Androecium (b) Gynoecium (c) Calyx (d) Corolla

(xv) This vitamin is essential for vision:
(a) Vitamin A (b) Vitamin B (c) Vitamin C (d) Vitamin D

BIOLOGY 2013

Time: 2 ½ Hours Max. Marks: 68

Instruction: This paper consisting of Short-Answer Questions (Section "B") and Detailed-Answer Questions (Section "C") will be given after 30 minutes and its total duration will be 2 ½ hours only.

SECTION "B" (SHORT-ANSWER QUESTIONS)

ZOOLOGY (MARKS 21)

NOTE: Answer any 7 questions from this section. Each questions carries 3 marks.

2. Define the following branches of Biology:
(i) Palaeontology (ii) Embryology (c) Genetics
3. Write down any three distinctive characteristics of Phylum Echinodermata.
4. Define Portal System. Name the two kinds of Portal System of frog.
5. Write three functions of human skeleton.
6. Write any three differences light Microscope and Electron Microscope.
7. State Lamarck's Theory of Evolution.
8. Define the following and give one example of each:
(i) Herbivores (b) Insectivores (c) Carnivores
9. Write three functions of blood.
10. Define Cold Blooded and Warm Blooded animals and give two examples of each.
11. Draw a neat and labelled diagram of human tooth.

(SHORT-ANSWER QUESTIONS)

BOTANY (MARKS 21)

NOTE: Answer any 7 questions from this section. Each questions carries 3 marks.

12. Draw a neat and labeled diagram of chlamydomonas.
13. Define Photosynthesis and write its chemical equation.
14. Describe any three types of bacteria according to their shape.
15. Write three differences Angiosperms & Gymnosperms.
16. Write three points of economic importance of Fungi.
17. Define Phototropism and Geotropism.
18. Write one functions of each of the following:
(i) Root (ii) Stem (iii) Leaf
19. Define Pollination and write the names of its two kinds.
20. State Mendel's Law of Dominance and the Law of Segregation.
21. Define the following:
(i) Transpiration (ii) Osmosis (iii) Diffusion

SECTION 'C' (DETAILED-ANSWER QUESTIONS)

ZOOLOGY (MARKS 14)

NOTE: Attempt Two questions from this section. Each question carries 7 marks.

22. Draw a neat and labeled diagram of the Digestive system of frog.
23. Define Mitosis. Write the names of the four phases of Mitosis. Describe the significance of Mitosis.
24. What are Viruses? Write general characteristics of viruses. Write the names of four viral diseases.

(DETAILED-ANSWER QUESTIONS)

BOTANY (MARKS 14)

NOTE: Attempt Two questions from this section. Each question carries 7 marks.

25. Draw a neat and labeled diagram of the T.S. of the root of Brassica.
26. Describe an experiment to prove that oxygen is evolved during photosynthesis. Draw its labeled diagram also.
27. Define Aerobic respiration. Write its chemical equation. Define anaerobic respiration. Write its chemical in bacteria and in animals.

BIOLOGY 2014

Time: 30 Minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (15)

(1) The building materials of protoplasm are:
(a) carbohydrates (b) fats (c) proteins (d) vitamins

(2) Plants, which derive their food from dead organic matter, are called:
(a) Parasites (b) Saprophytes
(c) Insectivores (d) symbionts

(3) The tissue which conducts water and salts in plants is:
(a) Xylem (b) Phloem (c) Cambium (d) Pith

(4) DNA is found in:
(a) Nucleus (b) Chromosomes (c) Cell (d) Nucleoplasm

(5) The egg laying mammal is:
(a) Kangaoo (b) Dolphin (c) Duck bill (d) Bat

(6) The vitamin which helps in clotting of blood is:
(a) A (b) B (c) D (d) K

(7) The fourth whorl of a flower is:
(a) Androecium (b) Gynoecium (c) Calyx (d) Corolla

(8) This disease is caused by plasmodium:
(a) Malaria (b) Tuberculosis (c) Cholera (d) Influenza

(9) Microscope was invented by:
(a) Galileo (b) Linnaeus (c) Rodi (d) Robert Hooke

(10) Seed develops from:
(a) Flower (b) Ovary (c) Ovule (d) None of these

(11) Star fish belongs to Phylum:
(a) Cnidaria (b) Echinodermata (c) Mollusca (d) Annelida

(12) Green plants in an ecosystem are:
(a) Producers (b) Consumers
(c) decomposers (d) None of these

(13) The number of chambers in the heart of frog is:
(a) Two (b) three (c) Four (d) None of these

(14) Agaricus is commonly known as:
(a) Bread mould (b) Yeast (c) Mushroom (d) All of these

(15) The melodious voice of many birds come from:
(a) syrinx (b) larynx (c) pharynx (d) glottis

BIOLOGY 2014

Time: 2 ½ Hours Max. Marks: 68

SECTION "B" (SHORT-ANSWER QUESTIONS)

ZOOLOGY (MARKS 21)

NOTE: Answer 7 questions from this section.

(2) Write three salient features of the Cell Theory.

(3) Draw a neat and labeled diagram of the Urinogenital system of a male frog.

(4) Define the following:
(i) Mitosis (ii) Species (iii) Physiology

(5) Write three differences between Arteries and Veins.

(6) Write three functions of Skeleton in man.

(7) Write three characteristics of class Aves.

(8) Write notes on any two of the following:
(i) Appendicitis (ii) Enzymes
(iii) Bronchitis (iv) Cholera

(9) What is Metamorphosis? Define two types of Metamorphosis.

(10) Write names of three Endocrine glands. Also name the hormones secreted by these glands.

(11) Define Portal System. Name two types of Portal System found in frog.

(SHORT-ANSWER QUESTIONS)

BOTANY (MARKS 21)

NOTE: Answer 7 questions from this section.

(12) Draw a neat and labeled diagram of L.S. of flower of Brassica.

(13) Write three differences between Dicot plants and Monocot Plants.

(14) Define the following:
(i) Osmosis (ii) Symbionts (iii) Phototropism

(15) Define germination of seed. Describe two kinds of germination.

(16) Define Photosynthesis. Write chemical equation to express photosynthesis.

(17) Write three points of importance of Fungi.

(18) Define simple tissue and complex tissue in plants. Write two examples of each.

(19) Write three advantages of transpiration in plants.

(20) Write short notes on any two of the following:
(i) Plastids (ii) Pollination
(iii) Mitochondria (iv) Heterotrophic plants

(21) Write three differences between Photosynthesis and Respiration.

SECTION 'C' (DETAILED-ANSWER QUESTIONS)

ZOOLOGY (MARKS 14)

NOTE: Attempt 2 questions from this section.

22. Draw a neat and labeled diagram of Arterial system of frog.
23. Describe Darwin's theory of evolution and explain four important points of this theory.
24. Write different types of teeth in man and describe their functions.

(DETAILED-ANSWER QUESTIONS)

BOTANY (MARKS 14)

NOTE: Attempt Two questions from this section. Each question carries 7 marks.

25. Describe an experiment to prove that carbon dioxide is necessary for photosynthesis. Draw its labeled diagram also.
26. What is meant by Dispersal of Seeds and Fruits? Describe any two methods of dispersal in detail.
27. Draw a neat & labeled diagram of T.S. of Brassica Stem.

BIOLOGY Paper I 2015

Time: 3Hours Max. Marks: 85

Time: 30 Min. **Section "A" Multiple Choice Questions (MCQ's)** Marks: 15

Q.1 Choose the correct answer for each from the given option:

(i) Plants gain weight due to:
a) Respiration ***b) Photosynthesis*** c) Transpiration d) None of these

(ii) Nephron are connected with:
a) Respiratory system b) Circulatory system
c) Nervous system ***d) Excretory system***

(iii) Which of the following is gill breather?
a) Fish b) Frog c) Whale d) Turtle

(iv) They are exclusively marine:
a) Protozoa ***b) Echinodermata*** c) Annelida d) Mollusca

(v) Whole of the life sustaining area of earth:
a) biosphere b) Atmosphere c) Lithosphere d) Hydrosphere

(vi) CO_2 from air is taken by leaf through:
a) Stomata b) Epidermis c) Mesophyll d) Lenticle

(vii) The type of lenses of light microscope is:
a) Bioconcave ***b) Convex*** c) Concave d) Electromegnetic

(viii) Rust and smut of cereal crop is due to:
a) Algae ***b) Fungi*** c) Virus d) Bacteria

(ix) Prokaryotic cells do not contain:
a) Nucleus b) Ribosomes c) Cell membrane d) Cell wall

(x) Pencillium belongs to:
a) Algea ***b) Fungi*** c) Fern d) Virus

(xi) Which one of the following is caused by acid rain:
a) Green house effect ***b) Stone cancer***
c) Damage to ozone layer d) Denitrification of soil

(xii) Seed is developed from:
a) Ovule b) Ovary c) Flower d) Plant

(xiii) The basic unit of inheritance is:
a) chromosome ***b) gene*** c) gametes d) nucleus

(xiv) The part of brain associated with intelligence, memory etc is:
a) Cerebrum b) Cerebellum c) Pons d) Medulla oblongata

(xv) Movement of Euglena occurs by:
a) Cilia ***b) Flagella*** c) Pseudopodia d) Limbs

Time: 2½ Hours *SECTION "B" & "C"* *(Total Marks 70)*

Section "B" (Short-Answer Questions) **(42 Marks)**

Zoology **(21 Marks)**

Note: Answer any SEVEN questions from this section. Each question carries 3 marks. No answer should exceed 3 to 4 sentences.

2. Define Bio-chemistry, Bio-physics and Biometry.
3. What are Receptors? Name receptor organs of sight, sound, odour and taste.
4. Write three characteristics of class Reptilia.
5. Define joints. Describe any two defects of skeletal system.
6. What do you mean by species. Write scientific name and classification of man or frog.
7. Draw a neat and labelled diagram of "Brain of Frog". OR "Ventral view of Heart of frog".

8. Define Parasite. Name two parasites and write phylum to which they belong.
9. Write the role of skin in excretion.
10. Define ecology, population and community.
11. What is variation? Write two causes of variation.

Botany **(21 Marks)**

Note: Answer any SEVEN questions from this section. Each question carries 3 marks. No answer should exceed 3 to 4 sentences.

12. What is chlamydomonas? Describe its properties.
13. Write any three differences between bryophyte and tracheophyta.
14. Define light reaction and dark reaction.
15. Draw a neat and labelled diagram of structure of Bacteriophage.
16. Write a short note on cell wall.
17. Define Biotechnology. Write one use of Bacteria and Fungi.
18. Briefly describe any one type of plant tissues.
19. Define fertilization and double fertilization.
20. Write a note on insectivores plants.
21. What are chromosomes? Write down the number of chromosomes in a cell of: Man, Frog, Onion, garden pea.

Section "C" (Detailed-Answer Questions **(28 Marks)**

Zoology **(14 Marks)**

Note: Attempt any TWO questions from this section. Each question carries 07 marks.

22. Draw a neat and labelled diagram of the human respiratory organs.
23. Define Neurons. Describe the structure of neuron in detail. Draw labelled diagram also.
24. What are the components of blood? Describe each of them in detail with labelled diagram.

Botany **(14 Marks)**

Note: Attempt any TWO questions from this section. Each question carries 07 marks.

25. Define Asexual Reproduction in plants. Describe any three methods of asexual reproduction in detail.
26. Draw a neat and labelled diagram of T.S. of the stem of sun flower.
27. Describe an experiment to prove that light or chlorophyll is necessary for photosynthesis. Draw its labelled diagram.

BIOLOGY 2016

Time: 30 Minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (15)

(ii) Alkhil, Al-Ibil, Al-Wahoosh were written by:
- Jabir Bin Hayan
- Abdul Malik Asmai
- Ibn-Al-Haitham
- Ziauddin Baitar

(ii) The family of Mustard is:
- Brassicaceae • Poaccae • Rosaceae • Palmaceae

(iii) Characteristic of viruses due to which they are considered as living:
- Non-cellular structure
- Total Parasite
- Undergo Crystallization
- Undergo Reproduction

(iv) Glycogen is a molecule that belongs to:
- Carbohydrate • Fats • Protein • Vitamins

(v) Respiratory Organs of insects are:
- Flame cells • Malpighian Tubules • Trachea • Lungs

(vi) R.B.G. are concerned with the transport of:
- Nutrients
- Oxygen & Carbon dioxide
- Homones
- Enzymes

(vii) Blood is filtered in the Kidneys through the:
- Bowman's capsule
- Glomerulus
- Loop of Henle
- Renal Tubule

(viii) The part of brain associated with the intelligence, memory, etc is:
- Cerebrum • Cerebellum • Pons • Medulla Oblongata

(ix) The number of chromosomes in each human cell is:
- 23 • 26 • 36 • 46

(x) Cocci bacteria are of this shape:
- Rounded • Rod shaped • Spiral shaped • Curved

(xi) Cuscuta plant is a: • Total Parasite
- Partial Parasite • Saprophyte • Symbiont

(xii) The book "Kitab-ul-Manazir" is written by:
- Ibn-ul-Haitham
- Bu-Ali-Seena
- Al-Razi
- Jabir-Bin Hayan

(xiii) It has no teeth in the mouth of:
- Shark • Frog • Man • Eagle

(xiv) The sensory layer of eye ball is:
- Sclerotic • Choroid • Retina • Cornea

(xv) This disease is caused by Salmonella typhosa:
- Malaria • Dysenty • Cholera • Typhoid

BIOLOGY 2016

Time: 2 ½ Hours Max. Marks: 68

SECTION "B" (SHORT-ANSWER QUESTIONS)

ZOOLOGY (MARKS 21)

NOTE: Answer 7 questions from this section.

2. Draw a neat and labeled diagram of Dorsal view of heart of Frog.
3. Write three functions of blood.
4. Define Binary Fission and Multiple Fission.
5. Write differences between any one of the following:
   (i) Arteries & Vein (ii) Anaemia and Haemophilia
6. What is Biology? Define any two branches of Biology.
7. Write the names of three Endocrine Glands and also write names of Hormones secreted by these glands.
8. Define and give one example of each of the following:
   (i) Carnivores (ii) Herbivores (iii) Omnivores
9. Draw a neat and labeled diagram of the structure of a human tooth.
10. Write three differences between Prokaryotic cell and Eukaryotic cell.
11. Write three main points of Darwin's theory of Evolution.

BOTANY (MARKS 21)

NOTE: Answer 7 questions from this section.

12. Write differences between any one of the following:
    (i) Angiosperm and Gymnosperm
    (ii) Respiration and Combustion
13. Define any two:
    (i) Tactic movement (ii) Species (iii) Decomposers
14. Draw a neat and labeled diagram of Pitcher Plant (Insectivorous):
15. What is pollination? Write names of two type of pollination.
16. Write three points about importance of Transpiration for plants.
17. Draw a neat and labeled diagram of Chlamydomonas.
18. Write three points of importance of fungi.
19. Write short note on Flora of Pakistan.
20. Define the following:
    (i) Osmosis (ii) Biogenesis (iii) Mitosis
21. Write the name of the four whorls of flower of Brassica

BIOLOGY 2017

Time: 30 Minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (15)

1. Tuberculosis is caused by:
- Virus • <u>Bacteria</u> • Worm • None of these

2. Mycelium of fungi is made up of:
- Sori • Sporangium • Gamete • Hyphae

3. It is not cold blooded animal:
- Fish • <u>Cat</u> • Frog • Snake

4. The outer most whorl of a flower is:
- Gynoecium • Androecium • Corolla • <u>Calyx</u>

5. It is the sensory layer of eyeball:
- Sclerotic • Choroid • <u>Retina</u> • Cornea

6. D.N.A. is present in:
- Nucleus • <u>Chromosome</u> • Cell • Nucleoplasm

7. The basic unit of classification is:
- Phylum • Order • Class • <u>Species</u>

8. He discovered cell the basic unit of living organisms.
- Galileo • <u>Robert Hook</u> • William Harvey • Linnaeus

9. Intelligent guess of a scientist which is in the form of a statement is called:
- Deduction • Theory • <u>Hypothesis</u> • Law

10. It is a gill breathing animal:
- Frog • <u>Fish</u> • Whale • Turtle

11. This vitamin is essential for vision and skin:
- <u>Vitamin A</u> • Vitamin B • Vitamin C • Vitamin D

12. Agaricus is commonly known as:
- <u>Mushroom</u> • Yeast • Bread mould • Water mould

13. This bird cannot fly:
- Pigeon • <u>Kiwi</u> • Parrot • Sparrow

14. This tissue conducts water and salts in plants:
- <u>Xylem</u> • Phloem • Cambium • Pith

15. The seed is a:
- <u>Ripened ovule</u> • Ripened ovary
- Endosperm • Cotyledon

BIOLOGY 2017

Time: 2 ½ Hours Max. Marks: 68

SECTION "B" (SHORT-ANSWER QUESTIONS)

ZOOLOGY (MARKS 21)

NOTE: Answer 7 questions from this section.

2. Write three differences between Prokaryotic cell and Eukaryotic cell.
3. Draw a neat and labeled diagram of Ventral view of heart of Frog.
4. Write three characteristics of Phylum Arthropoda.
5. Draw a neat and labeled diagram of a rod shaped Bacterium.
6. Define Metamorphosis and write its two types.
7. Name any three endocrine glands also write one hormone secreted by each gland.
8. Write any three differences between sexual reproduction and asexual reproduction.
9. Write three differences between Arteries and Veins.
10. Define: (i) Mitosis (ii) Nucleus (iii) Plastids
11. Name three components of cigarette smoke and write their harmful effects on human health.

BOTANY (MARKS 21)

NOTE: Answer 7 questions from this section.

12. Write three differences between Dicot plant and Mono cot plant.
13. Draw a neat and labeled diagram of an Adiantum plant.
14. Write three differences between combustion and photosynthesis.
15. Define: (i) Parasites (ii) Saprophytes (iii) Insectivorous plant
16. Define germination and write the names of two kinds of germination.
17. Write short note on Flora of Pakistan.
18. Define three types of movement in plants.
19. Define pollution. Write names of any two types of pollution.
20. Define: (i) Alleles (ii) Homozygous (iii) Dominant character.
21. What is pollination? Write about its two types.

SECTION 'C' (DETAILED-ANSWER QUESTIONS)

ZOOLOGY (MARKS 14)

NOTE: Attempt 2 questions from this section.

22. Draw a neat and labeled diagram of human digestive system.
23. Describe Darwin's theory of Evolution and explain important points of this theory in detail.

24. What is tissue? Describe animal tissues in detail with the help of labeled diagram.

(DETAILED-ANSWER QUESTIONS)

BOTANY (MARKS 14)

NOTE: Attempt 2 questions from this section.

25. Describe an experiment to prove that Carbon dioxide is essential for photosynthesis. Draw its labelled diagram.
26. What is meant by Dispersal of Seeds and Fruits? Describe different methods of dispersal.
27. Draw a neat and labeled diagram of the transverse section of Brassica stem.

BIOLOGY 2018

Time: 30 Minutes **Max. Marks: 18**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (18)

1. Kitab ul Manazir is written by:
   - Bu Ali Sina
   - Abdul Malik Asmai
   - Al Farabi
   - Ibn-ul-Haitham
2. Cuscuta is a leafless plant. It is:
   - Total parasite
   - Partial Parasite
   - Saprophyte
   - Symbiont
3. The part of brain associated with intelligence, memory, etc is:
   - Cerebrum
   - Cerebellum
   - Pons
   - Medulla oblongata
4. The outermost whorl of a flower is:
   - Calyx
   - Corolla
   - Androecium
   - Gynoecium
5. The sensory layer of an eyeball is:
   - Cornea
   - Retina
   - Choroid
   - Sclerotic
6. Energy is used to move molecules by:
   - Diffusion
   - Osmosis
   - Active transport
   - Passive transport
7. Neprons are connected with:
   - Respiratory system
   - Nervous system
   - Cirulatory system
   - Excretory system
8. Muscles are attached to the bone by:
   - Capsule
   - Ligament
   - Tendon
   - both ligament & Tendon
9. Name of technique discovered by Louis Pasteur is:
   - Radiation
   - Pasteurization
   - Fermentation
   - Sterilization
10. The basic unit of inheritance is:
    - Chromosome
    - Gene
    - Nucleoplasm
    - Nucleus
11. Greep plants in an ecosystem are:
    - None of these
    - Producers
    - Consumers
    - Decomposers
12. Plasmodium causes:
    - Typhoid
    - Malaria
    - Cholera
    - Influenza
13. The tissues that conduct water and salts from the soil to the leaves in plants is:
    - Xylem
    - Phloem
    - Cambium
    - All of them
14. It is called powerhouse of the cell:
    - Ribosome
    - Mitochondria
    - Golgi bodies
    - Centrosome
15. Nostoc belongs to:
    - None of these
    - Cocci bacteria
    - Eubacteria
    - Cyanobacteria
16. The group of Marchantia:
    - Hepaticae
    - Musci
    - Mosses
    - Anthocerotae
17. These are exclusively marine:

• Protozoa • Annilida • Mollusca • Echinodermata

18. Lack of enzyme is found in:

• Saliva • Gastric juice • Bile • Pancreatic juice

BIOLOGY 2018

Time: 2 ½ Hours Max. Marks: 40

SECTION "B" (SHORT-ANSWER QUESTIONS)

NOTE: Answer 8 questions from this section.

2. Draw a neat and labeled diagram of Brain of frog.
3. Name and define any five branches of Biology.
4. Write five characteristics of class Aves.
5. Draw neat and labeled diagram of internal structure of a Human tooth.
6. What is metamorphosis? Name and define two types of Metamorphosis.
7. Write five differences between Prokaryotic and Eukaryotic cells.
8. Draw a neat and labeled diagram of Brassica Flower.
9. Write five general characteristics of Cyanobacteria.
10. Define pollination and fertilization. Define types of pollination in plants.
11. Name any five Muslim Scientists and write at least one contribution of each in the field of Biology.
12. What are autotrophic plants and heterotrophic plants? Name and briefly describe any three types of heterotrophic plants.
13. Define aerobic respiration and anaerobic respiration with chemical equations of each.

SECTION 'C' (DETAILED-ANSWER QUESTIONS)(27)

NOTE: Attempt 3 questions from this section.

14.(a) Draw a neat and labeled diagram of Human eye.

(b) What is germination? Name and define three kinds of germination of seed.

15.(a) Describe an experiment to prove that Carbon dioxide is necessary for photosynthesis.

(b) Write four functions of blood.

16.(a) Name three types of movements in plants. Describe any one of them.

(b) What are endocrine glands? Name any four endocrine glands with one hormone secreted by each of them.

17.(a) Draw a neat and labeled diagram of Dorsal view of heart of frog.

(b) Write down four differences between monocot and dicot plant.

18.(a) Draw a neat and labeled diagram of Chlamydomonas.

(b) Define portal system. Name and define two types of

BIOLOGY 2019

Time: 30 minutes **Max. Marks: 18**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

1. Butterfly belongs to phylum:
   - Mollusca
   - Echinodermata
   - Annelida
   - **Arthropoda**
2. This bird cannot fly:
   - Pigeon
   - **Kiwi**
   - Parrot
   - Sparrow
3. Respiratory organs of insects are:
   - Lungs
   - **Trachea**
   - Flame cell
   - Malpighian Tubules
4. He discovered the cell; basic unit of living organisms:
   - William Harvey
   - **Robert Hook**
   - Calileo
   - Charles Darwin
5. Agaricus is commonly known as:
   - Bread mold
   - Yeast
   - **Mushroom**
   - All of these
6. This one of the following is not a consequence of deforestation:
   - Green house effect
   - Depletion of ozone layer
   - Soil erosion
   - **Disturbed water cycle**
7. The group of marchantia is:
   - **Hepaticae**
   - Musci
   - Mosses
   - Anthocerotae
8. Glycogen is a molecule that belongs to:
   - **Carbohydrates**
   - Fats
   - Proteins
   - Vitamins
9. The end-products of respiration in plants are:
   - **CO_2, H_2O and energy**
   - Starch and O_2
   - Sugar and O_2
   - H_2O and energy
10. Horsetail is the common name of:
    - Psilopsida
    - Lycopsida
    - **Sphenopsida**
    - Pteropsida
11. This secretion lacks enzymes:
    - Saliva
    - Gastric juice
    - **Bile**
    - Pancreatic juice
12. The deficiency of haemoglobin in a person is called:
    - Heart attack
    - Angina
    - Haemophilia
    - **Anaermia**
13. Urea is mainly synthesized in:
    - **Liver**
    - Lungs
    - Kidney
    - Nephron
14. Muscles in human involved in locomotion are:
    - Smooth
    - Cardiac
    - **Skeletal**
    - involuntary
15. Fruit is a ripened:
    - Ovule
    - **Ovary**
    - Flower
    - Carpel
16. The inner most whorl of a flower is:
    - Calyx
    - Corolla
    - Androecium
    - **Gynoecium**

17. The number of chromosomes in each cell of frog is:

- 46 • <u>26</u> • 16 • 14

18. Green plants in a ecosystem are: • <u>Producers</u>

- Consumers • Decomposers • None of these

BIOLOGY 2019

Time: 2 ½ Hours Max. Marks: 67

SECTION B (SHORT-ANSWER QUESTIONS)(40)

NOTE: Attempt 8 questions from this Section.

2. Draw a neat and labeled diagram of dorsal view of heart of frog.
3. Taking case of malaria, explain the following biological method: (i) Observation (ii) Experiment (iii) Hypothesis (iv) Deduction (v) Result
4. What changes did Margulis and Schwartz suggest in Whittaker's Scheme? Explain their all suggested kingdom.
5. Explain five factors affecting the rate of transpiration.
6. Define uoints. Write two defects of skeletal system.
7. State Lamarck's theory of evolution giving example of Snake. OR Giraffe.
8. Discuss why viruses are considered as living organisms and which characteristics differentiated them from living organisms?
9. Write five differences between Angiosperm and Gymnosperm plants.
10. Write down five points on the importance of Fungi.
11. Name the five hormones of plants. Briefly explain any two of them.
12. Define: (i) Tracheophytes (ii) Plastids (iii) Osmosis (iv) Producers (v) Photosynthesis
13. Draw a neat and labeled diagram of T.S. of Brassica Root.

SECTION C (DETAILED-ANSWER QUESTIONS)(27)

NOTE: Attempt 3 questions from this Section.

14.(a) Draw a neat and labeled diagram of Arterial system of frog OR L.S of human kidney.

(b) Describe four types of bacteria according to shapes.

15.(a) Describe different types of teeth in human body with their functions. Write dental formula also.

(b) Describe any two methods of dispersal of fruits & seeds.

CHEMISTRY (THEORY) 2004

Time : Three hours **(Regular/Private)** **Max.Marks: 75**

Note: Attempt Fourteen questions in all – Seven questions from Section 'A', Six questions from Section 'B' and the compulsory question No.1. All the questions of Section 'A' and 'B' carry equal marks.

OBJECTIVE (COMPULSORY)

1.(a) Fill in the blanks with the correct answers: **(05)**

(i) The S.I. unit of time is **second.**

(ii) **Formic** acid is found in the stings of ants, wasps and bees.

(iii) Ozone is an allotrope of **oxygen**.

(iv) An atom of sodium has **11** protons in it.

(v) Diamond, graphite and **Bucky Balls** are the crystalline forms of carbon.

(b) Choose the correct answer for each from the options given within brackets:- **(05)**

(i) Which of the following elements will burn in oxygen to form an acidic oxide? (sodium, potassium, **carbon,** calcium, barium)

(ii) Which of the following molecules contains double covalent bond? (NH_3, **CO_2**, HCl, CH_4, H_2O)

(iii) The atomic mass of chlorine is 35.5. What is the mass of the two moles of chlorine gas?
(**142gm,** 71gm, 35.5gm, 18.75gm, 2gm)

(iv) How many elements are there in the third period of the periodic Table: (2, **8,** 18, 28, 32)

(v) Which of the following is an Alkyl Groups?
(C_6H_{15}, C_6H_{14}, **C_6H_{13}**, C_6H_{12}, C_6H_{11})

SECTION 'A' (SHORT-ANSWER QUESTIONS)

2. Define the following:- **(05)**

(i) Element (ii) Valency (iii) Mole
(iv) Avogadro's Number (v) Compound.

3. Define Temperature, What is the S.I. unit of temperature? The melting point of a soft solder is 224°C. What will be its corresponding temperatures on Kelvin and Fahrenheit scales? **(05)**

4. Balance the following chemical equations:- **(05)**

(i) $KClO_3$ ---------- $KCL + 0_2$

(ii) H_2O_2 ---------- $H_2O + 0_2$

(iii) $FeSO_4$ ---------- $Fe_2 0_3 + SO_2 + SO_3$

(iv) $H_2S + O_2$ ---------- $SO_2 + H_2O$

(v) $Zn + HNO_3$ ---------- $Zn(NO_3)_2 + H_2O + NH_4NO_3$

5. Define soft water and Hard Water. Describe Clark's method for the removal of hardness of water. **(05)**

6. ✓ Write two common physical and four chemical properties of an Acid. Write one balanced chemical equation in support of each chemical property. (05)

7. ✓ Write five general properties of the elements of Group 1A of the Periodic Table. (05)

8. ✓ Write five general properties of Cathode rays. (05)

9. X What is a Chemical Bond? Write four differences between Ionic compounds and covalent compounds. (05)

10. ✓ State Lowry-Bronsted Theory of Acids and Bases and explain it with the help of two examples. (05)

11. X Define the following: (05)
(i) Water Cycle (ii) Specific Heat (iii) Erosion
(iv) Electrolyte (v) Non-electrolyte.

12. ✓ What is meant by the Period and the Group in the Periodic Table? State the modern Periodic Law. Write two difference between metals and non-metals. (05)

13. ✓ What is a Chemical Reaction? Define and give one example each of the following chemical reactions: (05)
(i) Simple Decomposition (ii) Addition Reaction.

SECTION 'B' (SHORT-SNSWER QUESTIONS)

14. X Write any five methods used for the industrial preparation of hydrogen gas. Give one chemical equation for each method.

15. X What is Steel? How is steel manufactured by Basic Oxygen Process? Describe the process giving balanced chemical equations. (Diagram is not required.) (05)

16. X What is Aqua Regia? Write its two physical and three chemical properties with balanced chemical equations of the nitric acid. (05)

17. X What are Oxides? Explain the four kinds of Normal Oxides.

18. X What is the difference between a Drug and a medicine? Describe any two kinds of Drugs (Intoxicants), giving examples and their ill effects on human health. (05)

19. X What is an Alloy? Write the composition, two properties and one use each of Soft solder and Type metal. (05)

20. X Name the raw materials used in the manufacture of cement. Describe the process of the manufacture of cement, giving two balanced chemical equations. (05)

21. X Write five chemical properties of chlorine gas. Give one balanced chemical equation of each chemical property. (05)

22. X What are Isomers? Give the structural formulae of the following compounds: (05)
(i) n-butane, (ii) 2-methyl butane (iii) 2-methyl propane (iv) 3-ethyl pentane

23. X Write two physical and four chemical properties of sodium. Write one balanced chemical equation in support of each chemical property. (05)

CHEMISTRY 2005

Time: 3 hours **Max.Marks.75**

Note: Attempt Fourteen Questions in all- Seven questions from Section 'A', Six questions from Section 'B' and the compulsory question 1. All the questions of Section 'A' and 'B' carry equal mark

OBJECTIVE (COMPULSORY)

1.(a) Fill in the blanks with the correct answers: (05)

(i) K = ^{0}C + **273 .**

(ii) Acids are **proton** donors.

(iii) All **Halogens** have seven electrons in their outermost shells.

(iv) The chemical formula of urea is **NH_2 CO NH_2**.

(v) Water gas is a mixture of carbon monoxide and **Hydrogen**.

1.(b) Choose the correct answer for each from the options given within brackets: (05)

(i) Which of the following elements will burn in oxygen to form a basic oxide? (**Sodium**, carbon, sulphur, phosphorus)

(ii) If an element 'X' forms an oxide with the formula 'XO', which of the following chemical formulae is correct?

(XC1, **XS**, XH_3, X_2S_3)

(iii) Which of the following compounds is an alcohol?

(**CH_3-CH_2-OH**, CH_3-O-CH_3, CH_3-COOH, CH-CH_2-CHO)

(iv) The formula KA1 $(SO_4)_2$ represents the total number of ____ elements. (6, 7, 11, **12**)

(v) Which of the following molecules contains triple covalent bond? (H_2, O_2, **N_2**, $C1_2$)

SECTION 'A' (SHORT-ANSWER QUESTIONS)

2. State the Law of Constant Composition and calculate the percentage composition of copper, sulphur and oxygen in $CuSO_4$.

(At. Masses: Cu = 63.5, S= 32, O = 16) (05)

3. Balance the following chemical equations:- (05)

(i) $Mg + N_2$ ———— Mg_3N_2

(ii) $KClO_3$ ———— $KCl + O_2$

(iii) $MnO_2 + HCl$ ———— $MnCl_2 + H_2O + Cl_2$.

(iv) $Cu + H_2SO_4$ ———— $CuSO_4 + H_2O + SO_2$

(v) H_2O_2 ———— $H_2O + O_2$

4. Define the following: (05)

(i) Electrolytes (ii) Strong Electrolytes

(iii) Weak Electrolytes (iv) Electrolysis

(v) Non- Electrolytes.

5. State Lewis concept of Acids and Bases and explain it with the help of an example. (05)

6. Write five general properties of the elements of Group VIIA of the Periodic Table. (05)

7. Write five points of the Dalton's Atomic Theory. (05)

8. What is a Chemical Bond? Define an Ionic Bond. Explain the mechanism of formation of the ionic bond between sodium and chlorine in NaCl. (05)

9. Define Mole and Avogadro Number. Also calculate the number of Moles in 900gm of glucose ($C_6H_{12}O_6$). (At. Masses: C = 12, H = 1, O = 16) (05)

10. What is a Base? Write two physical and three chemical properties of a base. (05)

11. Define Molarity. Calculate the molarity of an aqueous solution of NaOH that contains 0.5 mole of NaOH dissolved in 2 liter solution. (05)

12. What is a Chemical Reaction? Define and give one example of each of the following chemical reactions: (05)

(i) Neutralization (ii) Hydrolysis

13. Define the following: (05)

(i) Atomic Number (ii) Mass Number (iii) Atomic Radius

(iv) Electro negativity (v) Ionization Energy

SECTION 'B' (SHORT ANSWER QUESTIONS)

14. Write five differences between Organic and Inorganic compounds. (05)

15. What is Ozone? How is oxygen converted into ozone? What is the importance of ozone in the atmosphere? Also write, two uses of ozone. (05)

16. What is Allotropy? Write the names of any two crystalline and any four amorphous forms of carbon. Also write two characteristics of any one crystalline form. (05)

17. Write the name and chemical formulae of any two ores of copper and describe the process of Electrolytic Refining of Blistered copper. Also draw a labeled diagram. (05)

18. What are Isotopes? Describe the three isotopes of hydrogen.

19. Describe with the help of a labeled diagram the process of Fractional Distillation of petroleum. (05)

20. Describe, giving a labeled diagram, how sulphur is extracted by Frasch Process. (05)

21. Describe, giving balanced chemical equations, how Nitric Acid is manufactured by Ostwald's process. (05)

22. Write balanced chemical equations of the reactions between zinc and the following substances: (05)

(i) O_2 (ii) $C1_2$ (iii) CHl (iv) NaOH (v) S

23. How is Aluminums extracted from bauxite ore? Describe the process giving balanced chemical equations. Also draw a labeled diagram of the electrolytic cell used in the manufacture of aluminum. (05)

CHEMISTRY 2005
SOLUTION OF NUMERICALS

Q.2 Compound $Cu\ SO_4$

Molecular Mass $= (1 \times 63.5) + (1 \times 32) + (4 \times 16)$

$= 63.5 + 32 + 64$

$= 159.5$

Percentage of Copper $= \frac{63.5}{159.5} \times 100$

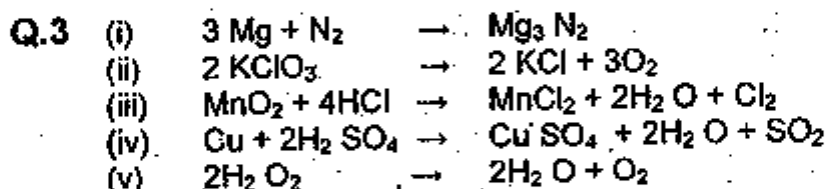
$= 39.81\ \%$ Ans.

Percentage of Sulphur $= \frac{32}{159.5} \times 100$

$= 20.06\%$ Ans.

Percentage of Oxygen $= \frac{64}{159.5} \times 100$

$= 40.13\ \%$ Ans.

Q.3
(i) $3\ Mg + N_2 \rightarrow Mg_3\ N_2$
(ii) $2\ KClO_3 \rightarrow 2\ KCl + 3O_2$
(iii) $MnO_2 + 4HCl \rightarrow MnCl_2 + 2H_2\ O + Cl_2$
(iv) $Cu + 2H_2\ SO_4 \rightarrow Cu\ SO_4 + 2H_2\ O + SO_2$
(v) $2H_2\ O_2 \rightarrow 2H_2\ O + O_2$

Q.9 Molecular mass of glucose $C_6\ H_{12}\ O_6$

$= (6 \times 12) + (12 \times 1) + (6 \times 16)$

$= 72 + 12 + 96 = 180$

No of Moles $= \frac{\text{Weight in grams}}{\text{Mole, wt.}} = \frac{900}{180} = 5$ moles

Q.11 Molarity is defined as the number of moles of solute dissolved per litre of the solution (not solvent)

$$M = \frac{\text{No. of Moles of Solute}}{\text{Volume of solution in litres}}$$

Given: Name of solution: Na OH
No. of Moles = 0.5 moles.
Volume of Solution = 2 litres.
Requird: Molarity = ?

$$\text{Molarity } M = \frac{\text{No. of Moles}}{\text{Volume of Solution in litres.}} = \frac{0.5}{2}$$

Molerity = 0.215 M.

SOLUTION OF NUMERICAL

CHEMISTRY 2006

Q.No.8

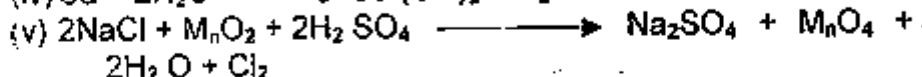
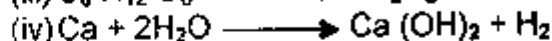
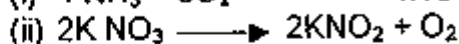
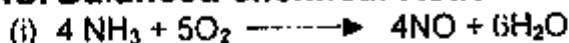
ANS. Balanced chemical Reactions:

(i) $4 NH_3 + 5O_2 \longrightarrow 4NO + 6H_2O$

(ii) $2K NO_3 \longrightarrow 2KNO_2 + O_2$

(iii) $C_6 H_{12} O_6 \longrightarrow 2C_2H_5OH + 2CO_2$

(iv) $Ca + 2H_2O \longrightarrow Ca(OH)_2 + H_2$

(v) $2NaCl + M_nO_2 + 2H_2 SO_4 \longrightarrow Na_2SO_4 + M_nO_4 + 2H_2 O + Cl_2$

Q.No.20 Problem Data:

Mass of solute dissolved = 5.3 grms.

Name of solute = Sodium carbonate ($Na_2 CO_3$)

Volume of Solution = 500 cm^3

Solution:

Gram formula mass of $Na_2 CO_3$

= (2 x 23) + (1 x 12) + (3 x 16)

= 46 + 12 + 48

= 106 gms.

Formula:

$$\text{Molarity (M)} = \frac{\text{Mass of Solute}}{\text{gm. formulae mass of solute}} \times \frac{1000}{\text{cm}^3 \text{ of solution}}$$

$$\text{Molarity (M)} = \frac{5.3}{106} \times \frac{1000}{500} \qquad \text{Molarity (M)} = 0.109 \text{ M}$$

Q.No. 21

Data: Solution of Electrolyte = Cu SO_4

Current passed A = 5 Amp.

Time of passing the current t = 1 hour.

E.C.E of copper = 0.000329 gm/c

Solution: Conversions:

E.C.E of copper in Kg /C $= \frac{0.000329}{1000}$

= 0.000000329 Kg/c

= 3.29×10^{-7} Kg/c

time t = 1 x 60 x 60

= 3600 seconds.

Formula:

Weight of Cu deposited W = Z At

W = $3.29 \times 10^{-7} \times 5 \times 3600$

W = 5922×10^{-7} kg.

Or = $5922 \times 10^{-7} \times 10^3$

= 5922×10^{-4} gm

CHEMISTRY 2006

Time: 3 Hours **(NEW COURSE)** **Max. Marks: 75**

Note: Attempt fourteen questions in all – Seven questions from Section 'A', Six questions from Section 'B' and the compulsory question No.1.

OBJECTIVE (Compulsory)

Note: In question No.1, write down the answer only against each part of the question.

1.(a) Fill in the blanks with the correct answers: (05)

(i) J. Priestly discovered oxygen.

(ii) The vertical columns of the Periodic Table are called **groups**

(iii) The pH of pure water is 7.

(iv) A suspension of the particles of carbon in air is called **smoke (solid in gas)**.

(v) The heat evolved or absorbed during a chemical reaction at constant pressure is called **Heat of Reaction**.

1.(b) Pick out the correct answer from the options given within brackets. (05)

(i) Which particle is the heaviest in the following?
(Electron, Proton, **Neutron**, Alpha-particle)

(ii) Which of the following elements is a good conductor of heat and electricity' (Carbon, Chlorine, **Zinc**, Neon)

(iii) The phenomenon of gradual disappearance of naphthalene at room temperature is an example of ____.
(Eveporation. Condensation, Melting, **Sublimation**)

(iv) Which of the following is not an isotope of hydrogen?
(^1_1H, ^2_1H, ^3_1H, ^4_1H)

(v) Which of the following is a polar molecule?:
(H_2 , O_2 , **H_2O** , Cl_2)

SECT I ON 'A' (Short Answer Question)

2. What is a Chemical Reaction? Define and give one example of each of the following: (05)
   (i) Double Displacement Reaction.
   (ii) Combustion Reaction

3. Write five characteristics of Cathode Rays. (05)

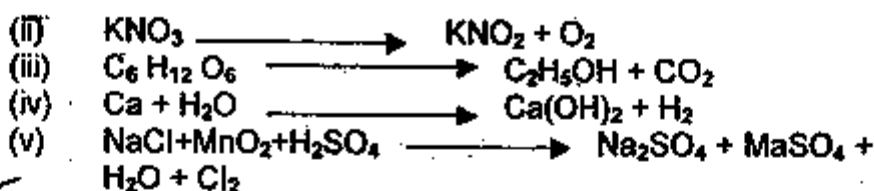
4. Define Chemistry. Name its any four branches and define them. (05)

5. Write five differences between Covalent Bond and Coordinate Covalent Bond. (05)

6. State the Law of Conservation of Mass and describe Landolt's Experiment for its verification. (05)

7. Define Mole and Avogadro's Number. Calculate the mass of one atom of carbon in gram. (Atomic Mass of Carbon = 12)

8. Balance the following chemical equations: (05)
   (i) $NH_3 + O2 \longrightarrow NO + H_2O$

(ii) $KNO_3 \longrightarrow KNO_2 + O_2$
(iii) $C_6H_{12}O_6 \longrightarrow C_2H_5OH + CO_2$
(iv) $Ca + H_2O \longrightarrow Ca(OH)_2 + H_2$
(v) $NaCl+MnO_2+H_2SO_4 \longrightarrow Na_2SO_4 + MaSO_4 + H_2O + Cl_2$

9. State Mendeleev's Periodic Law and writes its four salient features. (05)

10. Define the following:- (05)
(i) Ionic Bond (ii) Metallic Bond
(iii) Dispersion Forces (London Forces)
(iv) Vander Waal's Forces (v) Dipole-dipole Forces

11. What is a Scientific Method? Write the names of its four stages and explain them. (05)

12. Define the following:- (05)
(i) Radioactivity (ii) Isotope
(iii) Atomic Number (iv) Mass Number
(v) Atomic Mass

13. What are Metalloids? Write four differences between metals and non-metals. (05)

SECTION 'B' (Short-Answer Questions)

14. Write five differences between a Solution and a Suspension.

15. Define the following:- (05)
(i) Brownian Movement (ii) Evaporation
(iii) Fusion (iv) Sublimation
(v) Boiling Point

16. State Faraday's First and Second Laws of Electrolysis and explain any one of them. (05)

17. State Lewis concept of Acids and Bases and explain it with the help of an example. (05)

18. Define an Exothermic Reaction and give two examples of exothermic reactions. (05)

19. With the help of a neat and labelled diagram explain the construction and working of a Dry Cell. (05)

20. Define Molarity. Calculate the molarity of an aqueous solution that contains 5.3gm of sodium carbonate dissolved in 500cm^3 solution.(At. Masses: Na = 23, C = 12, O = 16)(5)

21. A current of 5 amperes was passed through a solution of $CuSO_4$ for one hour; calculate the mass of the copper metal deposited on the cathode.(Electrochemical Equivalent of Copper = 0.000329 gm/c) (05)

22. Write two physical and four chemical properties of acids. Write one balanced chemical equation in support of each chemical property. (05)

23. Define the following:- (05)
(i) Diffusion (ii) Heat of Neutralization
(iii) faraday (iv) coulomb (v) ampere

CHEMISTRY 2007

Time: 3 hours Max.Marks: 75

Note; Attempt FOURTEEN QUESTIONS IN ALL – Seven questions from Section "A" , Six question from Section "B" and the compulsory question No.1. All question of Section "A" and "B" carry equal marks. **BJECTIVE (COMPULSORY)**

1.(a) Fill in the blanks with the correct answer: (05)

(i) The chemical formula of baking soda is **$NaHCO_3$** (ii) Bases are **proton** acceptors. (iii) One faraday = **96500** coulombs. (iv) **Organic** is the Chemistry of hydrocarbons and their derivatives.(v) **Robert Boyle** is called the "Faiher of Modem Chemistry"

(b) Select the correct answer for each from the options given within brackets: (05)

(i) A suspension of the particles of carbon in air is called _____ (foam, mud, **smoke**, emulsion).

(ii) 5 moies of H_2O are equal to ____ (80g, 90, 100g, **90 amu**)

(iii) Which particles is the lightest in the following" (**Electron**, Proton, Neutron, Alpha).

(iv) The only liquid metal is ___ (Gold, Silver, **Mercury**, Bromine)

(v) Molten iron on cooling changes into solid iron. It is an example of ____ (Sublimation, Melting, Boiling, **Freezing**)

SECTION "A" (SHORT ANSWER QUESTIONS)

2. What is a chemical Reaction? Define and give one example each of the following chemical reactions: (05)
(i) Addition Reaction (ii) Decomposition Reaction.

3. Balance the following chemical equations: (05)

(i) $NH_3 + O_2 \rightarrow NO + H_2O$

(ii) $PCl_3 + H_2O \rightarrow H_3PO_3 + HCl$

(iii) $Pb(NO_3)_2 \rightarrow PbO + NO_2 + O_2$

(iv) $KI + MnO_2 + H_2SO_4 \rightarrow K_2SO_4 + MnSO_4 + H_2O + I_2$

(v) $Zn + HNO_3, \rightarrow Zn(NO_3)_2 + H_2O + NH_4NO_3$

ANSWER:

(i) $4 NH_3 + 5 O_2 \rightarrow 4 NO + 6 H_2O$

(ii) $PCl_3 + 3 H_2O \rightarrow H_3PO_3 + 3 HCl$

(vi) $2 Pb(NO_3)_2 \rightarrow 2 PbO + 4 NO_2 + O_2$

(vii) $2KI + MnO_2 + 2H_2SO_4 \rightarrow K_2SO_4 + MnSO_4 + 2H_2O + I_2$

(viii) $4 Zn + 10 HNO_3, \rightarrow 4 Zn(NO_3)_2 + 3 H_2O + NH_4NO_3$

4. State the Law of Multiple Proportions and the Law of Reciprocal Proportions and explain any one of them with the help of an example. (05)

5. What is a chemical Bend? Define an Ionic Bond. Explain the mechanism of formation of the ionic bond in NaCl. (05)

6. Describe Rutherford's experiment which led him to the discovery of the nucleus of an atom. (05)

7. What is a Coordinate Covalent Bond? How a coordinate covalent bond is formed between ammonia (NH_3) and hydrogen ion (H^+) producing ammonium (NH_4^+) radical? Explain. (05)

8. Write five general properties of the elements of Group VIIA of the periodic Table. (05)

9. What is meant by Radioactivity? Draw a labeled diagram showing the separation of Alpha, Beta and Gamma Rays. Also write two properties of each of these rays. (05)

10. Define the following: (05)
(i) Periodicity (ii) Atomic Radius (iii) Electronegativity
(iv) Electron Affinity (v) Ionization Potential.

11. "Chemistry and human society go hand in hand" Write five arguments in support of this statement. (05)

12. State the following Laws? (05)
(i) Dobereiner's Law of Triads (ii) Newland's Law of Octaves
(iii) Mendeleev's Periodic Law (iv) Modern Periodic Law
(v) Law of Constant Composition.

13. Write the names of any five renowned scientists of the world and write one contribution of each of them in the development of Chemistry. (05)

SECTION"B" (SHORT ANSWER QUESTIONS)

14. State and explain Faraday's Second Law of Electrolysis. (05)

15. State Bronsted Lowry Theory of Acids and Bases and explain it with the help of the examples of HCl and NH_4. (05)

16. Write five differences between a Solution and Suspension.

17. Define a 'Thermo chemical Reaction. What is meant by Enthalpy of a Reaction? Also define Endothermic Reaction and give its two examples. (05)

18. Define the following: (05)
(i) Evaporation (ii) Sublimation (iii) Diffusion
(iv) Brownian Movement (v) Boiling Point.

19. A current of 5 amperes was passed through a solution of $CuSO_4$ for an hour. Find the mass of copper metal deposited on the cathodes. The electrochemical equivalent of copper is 0.000329 g/c. (05)

20. What is a double salt? Write the chemical formulae of the following salts. (i) Potash alum (ii) Chrome alum (iii) Carnalite (iv) Mohr's salt. (05)

21. Define the following: (05)
(i) Heat of Neutralization (ii) Ampere (iii) Exothermic reaction (iv) Faraday (v) Coulomb.

22. Define Molarity. Calculate the molarity of a solution which contains 5.3g of Na_2CO3 in 500 ml solution (At: Masses; Na = 23, C = 12, 0 = 16) (05)

23. With the help of labeled diagram explain the construction and working of a dry Cell. (05)

CHEMISTRY 2008

Time :3 hours **Max. Marks: 75**

Note :- Attempt fourteen questions in all — Seven question from each Section A and B and the compulsory question no.1. All question of section 'A' and 'B' carry equal marks

OBJECTIVE (COMPULSORY)

1.(a) Fill in the blanks with the correct answers :- (05)

(i) A-Z indicates the number of **neutrons** in the nucleus of an atom

(ii) The Rule of Triad was introduced by **Dobereiner**.

(iii) The most common solvent in nature is **water**

(iv) 36 gm of H_2O contains **12.04×10^{23}** molecules.

(v) In **Endothermic** reaction, heat is taken in.

(b) Choose the correct answer for each from the options given within brackets.- (05)

(i) An interpretation of the results of common tests, which is a trial idea, is called a/an _____. (experiment, **hypothesis**, prediction, theory)

(ii) Which of the following molecules contains triple covalent bond? (H_2, O_2, Cl_2, **N_2**)

(iii) Which of the following elements will burn in oxygen to form a basic oxide? (**sodium**, carbon, sulphur, phosphorus)

(iv) If an element 'X' forms an oxide with the formula 'XO', which of the following chemical formulae is correct? (XCl, XS, **XH_3**, X_2S_3)

(v) Ice cubes slowly vanish from their tray while removed from a deep-freezer. This is an example of _______ (evaporation, condensation, **melting**, sublimation)

SECTION 'A' (SHORT-ANSWER QUESTIONS)

2. What is a scientific method? Write the names of its four stages and describe them (05)

3. Define Molar Mass. Calculate the molar masses of the following compounds.- (i) $AL_2(SO_4)_3$ (ii) $K_4Fe(CN)_6$ (05)
(At-Masses: Al=27, S=32, O=16, K=39, Fe=56, C=12, N=14)

4. Write five characteristics of Cathode Rays. (05)

5. What are Metalloids? Write four differences between metals and non-metals. (05)

6. What is a Chemical Reaction? Define and give one example each of the following: (05)
(i) Combustion Reaction (ii) Single Displacement Reaction

7. Balance the following chemical equations: (05)

(i) $Ba(NO_3)_2 \rightarrow BaO + NO_2 + O_2$

(ii) $NH_3 + CO_2 \rightarrow (NH_2)_2CO + H_2O$

(iii) $PbO + O_2 \longrightarrow Pb_3O_4$

(iv) $CH_4 + O_2 \longrightarrow CO_2 + H_2O$

(v) $CaCO_3 + AL_2Si_2O_7 \longrightarrow CaSiO_3 + Ca_2AL_2O_5 + CO_2$

8. Write five differences between Covalent Bond and Coordinate Covalent Bond. (05)

9. What are isotopes? Define the terms Mass Number and Atomic Number. Give the symbol, including the mass number and the atomic number for the atom, which has 2 fewer neutrons and 2 fewer protons than $^{20}_{10}Ne$. (05)

10. Define the following:- (05)
(i) Atomic Mass (ii) Mole (iii) Boiling Point
(iv) Electron affinity (v) Molecular Formula

11. State the Law of Multiple Proportions and the Law of Reciprocal Proportions and explain any one of them with the help of an example. (05)

12. What is Chemistry? Write the names of its any four branches and define them. (05)

13. What is an Ion? Write the electronic configuration of sodium ion and chloride ion. What is an Ionic Compound? Write the chemical formula of sodium chloride. (05)

SECTION 'B' (SHORT-ANSWER QUESTIONS)

14. State the Kinetic Molecular Theory. Define the following: (05)
(i) Diffusion (ii) Brownian Movement (iii) Sublimation

15. Define the following:- (05)
(i) Saturated Solution (ii) Unsaturated Solution
(iii) Super-saturated Solution (iv) Solubility
(v) Crystallization

16. With the help of a labeled diagram, explain the construction and working of a Lead Storage Battery. (05)

17. State Lewis concept of acids and bases and explain it with the help of an example. (05)

18. Write five differences between a Solution and a Suspension.

19. Define Solubility. Write the names of the factors that affect solubility and describe the effect of temperature on solubility.

20. Define Mole Fraction. A solution has been prepared by dissolving 2 moles of ethyl alcohol in 3 moles of water. Calculate the mole fraction of ethyl alcohol and water in this solution. (05)

21. Describe giving balanced chemical equations of the Solvay's Process for the manufacture of sodium carbonate. (05)

22. What is Electroplating? With the help of a labeled diagram, explain how you would electroplate an iron spoon with nickel? (05)

23. Define the following:- (i) Neutralization (ii) Titration
(iii) Salt (iv) p^H (v) Double Salt (05)

CHEMISTRY 2008

SOLUTION OF NUMERICALS

Q.3(i) $Al_2(SO_4)_3$

Molar mass = (2 x 27) + 3 [(1 x 32) + (4 x 16)]
= 54 + 3 [32 + 64]
= 54 + 3 x 96
= 54 + 288 = 342 grams

(ii) $K_4Fe(CN)_6$

Molar mass = (4 x 39) + (1 x 32) + 6 [12 + 14]
= 156 + 56 + [6 + 26]
= 156 + 56 + 156
= 368 grams

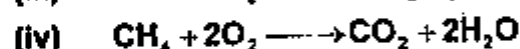
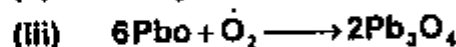
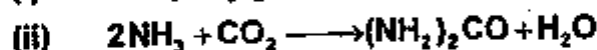
Q.7 Balance the following chemical equations:

(i) $2Ba(NO_3)_2 \longrightarrow 2BaO + 4NO_2 + O_2$

(ii) $2NH_3 + CO_2 \longrightarrow (NH_2)_2CO + H_2O$

(iii) $6Pbo + O_2 \longrightarrow 2Pb_3O_4$

(iv) $CH_4 + 2O_2 \longrightarrow CO_2 + 2H_2O$

(v)
$4CaCO_3 + AL_2Si_2O_7 \longrightarrow 2CaSiO_3 + Ca_2AL_2O_5 + 4CO_2$

Q.20

$$\text{Mole fraction}(x) = \frac{\text{Mole of component}}{\text{Total No. of moles of solution}}$$

Problem:- Given: Moles of ethyl alcohol = 2
Moles of water = 3

Required: Mole fraction of Alcohol = ?
Mole fraction of water = ?

SOLUTION:

Mole fraction of Alcohol $X_A = \frac{2}{2+3} = \frac{2}{5}$

Mole fraction of Water $X_B = \frac{3}{2+3} = \frac{3}{5}$

Sum of mole fraction is equal to 1

CHEMISTRY 2009

Time: 30 Minutes **Max. Marks: 15**

SECTION "A" (COMPULSORY)
(MULTIPLE CHOICE QUESTIONS)

Instruction: This paper of compulsory Chemistry Theory Paper-I (Class ix – New Course) consists of two separate question papers. Paper I (Section "A") consists of only M.C.Q's. This paper of 30 minutes duration will be given to you first of all and collected back as soon the time is over. Then you will be given the next paper of 2 ½ Hours consisting of short-Answer Questions (Section "B") and detailed-Answer Questions (Section "C").

NOTE: (i) Attempt all the questions from this Section.
(ii) Do not copy down the part questions in your answer book. Write only the answer in full against the proper number of the question and its part.
(iii) Each question carries one mark.
(iv) The Code of your question paper must be mentioned in bold letters in the answer script.

1. Choose the correct answer for each from the given options: (17)

1. Choose the correct answer for each from the given options:
1. which pair of the following molecules has the same number of protons? (A) O_2 and N_2 (B) Cl_2 and Br_2 (C) <u>CH_4 and NH_3</u> (d) CO_2 and SO_2
2. Which one of the following elements is a liquid metal? (A) Gold (B) Silver (C) <u>Mercury</u> (D) Bromine

3. When Sulphur burns in oxygen, which one of the following gases is produced?
(A) $\underline{SO_2}$ (B) H_2S (C) CO_2 (D) S_2Cl_2

4. Which of the following gases is used for respiration?
(A) <u>Oxygen</u> (B) Nitrogen (C) Helium (D) Carbon dioxide

5. Which of the following changes is exothermic?
(A) Evaporation (B) Thermal decomposition
(C) <u>Respiration</u> (D) Melting

6. What is the pH of a neutral solution?
(A) 0 (B) 1 (C) <u>7</u> (D) 14

7. Which one of the following substances contains covalent bonds but also conducts electricity?
(A) Sodium (B) Iron (C) Copper (D) <u>Graphite</u>

8. Which one of the following is not isotope of hydrogen?
(A) $^{1}_{1}H$ (B) $^{2}_{1}H$ (C) $^{3}_{1}H$ (D) $^{4}_{1}H$

9. The medal given to the third position holder in any event is made up of: (A) Gold (B) Silver (C) <u>Bronze</u> (D) Brass

10. How many molecules are there in18 gm of water?
(A)6.02×10^{22} (B)$\underline{6.02 \times 10^{23}}$ (C) 6.20×10^{22} (D)6.20×10^{23}

11. By which process does the smell of the cooked food spread in the surrounding? (A) Distillation
(B) <u>Diffusion</u> (C) Decomposition (D) Condensation

12. Which of the following ions has the same number of electrons as an argon atom of atomic number 18?
(A) Na^{+} (B) O^{2-} (C) $\underline{K^{+}}$ (D) N^{3-}

13. A suspension of droplets of one liquid into another in which it is not soluble is called
(A) Smoke (B) Mud (C) Foam (D) <u>Emulsion</u>

14. In the Periodic Table, the elements have been arranged in the order of increasing:
(A) <u>Atomic Number</u> (B) Mass Number
(C) Reactivity (D) Density

15. Which one of the following is a compound?
(A) Air (B) Carbon (C) Oxygen (D) <u>Steam</u>

16. Which of the following compounds contains all the three chemical bonds i.e. ionic, covalent and coordinate covalent bonds?
(A) CO_2 (B) NaCl (C) CH_3COOH (D) $\underline{NH_4Cl}$

17. Which of the following scientist suggested the symbols of the elements? (A) John Dalton
(B) J.J Thomson (C) <u>J.J Berzellius</u> (D) James Chadwick

CHEMISTRY 2[illegible]

Time: 2 ½ Hours Max. Marks: 68

Instruction: This paper consisting of Short-Answer Questions (Section "B") and Detailed-Answer Questions (Section "C") will be given after 30 minutes and its total duration will be 2 ½ hours only.

SECTION "B" (SHORT-ANSWER QUESTIONS)

NOTE: Answer any Fourteen questions from this section. Each questions carries 3 marks. (42)

2. Write the names any six branches of Chemistry.
3. Write three significant for studying chemistry.
4. State the following Laws:-
   (i) law of Conservation of Matter
   (ii) Law of Constant Composition
   (iii) Law of Reciprocal Preportions
5. Calculate the number of neutrons in the following isotopes:- (i) $^{16}_{8}O$ (ii) $^{17}_{8}O$ (iii) $^{18}_{8}O$
6. Define Molar Mass and Calculate the molar mass of $CaCO_3$. (At. Masses: Ca = 40, C = 12, 0 = 16)
7. Write three uses of potash alum.
8. State the following Laws:-
   (i) Dobereiner's law of Triads
   (ii) Newland's Law of Octaves
   (iii) Modern Periodic Law
9. Calculate the amount of silver deposited when a 10 ampere electric current is passed through a solution of $AgNO_3$ for 50 minutes. (Electrochemical Equivalent of silver = 0.001118 gm/c.)
10. What is a Theromochemical Reaction? Write the names of its two kinds and define them.
11. Balance the following chemical equations:-
    (i) $NH_3 + O_2$ ---------- $NO_2 + H_2O$
    (ii) $Cu + HNO_3$ -------------- $Cu (No_3)_2 + NO + H_2O$
    (iii) $CuO + NH_3$ -------------- $Cu + N_2 + H_2O$
12. Explain the Kinetic Molecular Theory in different states of matter.
13. Define the following: (i) Saturated solution (ii) Solubility (iii) Crystallization
14. Calculate the pH of 0.01 M HCl solution.
15. Write three general characteristics of the Transition Elements.
16. State Graham's Law of Diffusion of gasses. Which gas from among CO_2, CH_4 and H_2 will diffuse the fastest and why? Give the reason.
17. Define the following:- (i) Metallic Bonding (ii) Hydrogen Bonding (iii) Dispersion Forces (London Forces)

18. What are Isotopes? Write the symbols of deuterium and tritium with their atomic numbers and mass numbers.

19. Which elements possess seven electrons in their valence shell? Name the element that has highest electro negativity and give its value.

20. Define the following:-(i) Alkanes (ii) Alkanes (iii)Alkynee

OR Define the following:

(i) Metals (ii) Non-metals (iii) Metalliods

21. What are Plastics? Write the names of their two main groups. OR Define Double Displacement reaction and give its one example.

22. Define the term "Enthalpy' of a reaction. Also write how the change in enthalpy (ΔH) is calculated.

SECTION 'C' (DETAILED-ANSWER QUESTIONS)

NOTE: Attempt Two questions from this section. Each question carries 13 marks. (26)

23.(a) Explain, giving balanced chemical equations the Amonia Solvay process for the manufacture of sodium carbonate.

(b) State the Law of Multiple Proportions and explain it with the help of an example.

(c) Write four characteristics of a covalent compound.

24.(a) How is ammonia gas prepared in the laboratory? Explain the process giving a balanced chemical equation and a labeled diagram.

OR Describe with the help of a labeled diagram the construction and working of a Lead Storage battery.

(b) State the Arrhenius Theory of acids and bases and explain it with the examples of HCL and NaOH.

(c) What is Molarity? Calculate the molarity of an aqueous solution that contains 5.3gm of sodium carbonate dissolved in 500 cm^3 solution. (At. Masses : Na = 23, c = 12, 0 = 16)

25.(a) What is Allotropy? Write the names of any two crystalline forms of carbon and two characteristics of any one of them.

OR Describe Rutherford's experiment which led him to the discovery of the nucleus of an atom.

(b) What is a Coordinate Covalent Bond? How is a coordinate covalent bond formed between NH_3 and H^+ ion? Explain.

(c) Write four uses of sulphuric acid. OR

State Faraday's First and Second Laws of electrolysis and write two advantages of electroplating.

CHEMISTRY 2010

Time: 30 Minutes **Max. Marks: 17**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (17)

(i) The bond between hydrogen and chlorine in HCl is:
(A) Ionic (B) Covalent
(C) Polar covalent (D) Non-polar covalent

(ii) The process in which a solid directly changes to vapours is known as: (A) Sublimation
(B) Evaporation (C) Boiling (D) Melting

(iii) The air we breathe in usually contains a higher proportion of: (A) Nitrogen (B) Oxygen
(C) Carbon dioxide (D) Water vapours

(iv) Mendeleeve's Periodic Table contains periods:
(A) 7 (B) 8 (C) 12 (D) 10

(v) The non-crystalline form of sulphur is:
(A) Plastic sulphur (B) Rhombic sulphur
(C) Monoclinic sulphur (D) Ordinary sulphur

(vi) China clay is used in the making of:
(A) Glass (B) Electrical insulator (C) Ceramics (D) Crockery

(vii) The heaviest of the following particles is:
(A) Electron (B) Proton (C) Neutron (D) Alpha particle

(viii) The formation of water from H_2 and O_2 is an example of:
(A) Exothermic reaction (B) Neutralization reaction
(C) Endothermic reaction (D) None of them

(ix) 44 a.m.u. of CO_2 is equal to its:
(A) molar mass (B) atomic mass
(C) molecular mass (D) mass number

(x) An ionic compound formed by the neutralization of an acid by a base is called:
(A) a base (B) an acid (C) a salt (D) an alkali

(xi) The formula of epsom salt is:
(A) Na_2CO_3 (B) $CuSO_4 . 5H_2O$ (C) $MgSO_4 . 7H_2O$ (D) $NaHCO_3$

(xii) The electrolyte used in lead storage battery is dilute:
(A) HCl (B) HNO_3 (C) H_2SO_4 (D) H_2CO_3

(xiii) It is used in shoe polish to provide shine to the shoes:
(A) Bee wax (B) Sodium hydroxide (C) Pearl ash (D) Soap

(xiv) The sum of the mole fractions of a solute and solvent is equal to: (A) 5 (B) 2 (C) 1 (D) 0

(xv) The impure iron obtained from the blast furnace is

known as: (A) cast iron (B) pig iron
(C) wrought iron (D) steel

(xvi) A coordinate covalent bond is always formed between the two: (A) like atoms (B) unlike atoms
(C) similar atoms (D) like and unlike atoms

(xvii) The first member of alkene series is:
(A) Methane (B) Ethane (C) Ethene (D) Ethyne

CHEMISTRY 2010

Time: 2 ½ Hours Max. Marks: 68

SECTION "B" (SHORT-ANSWER QUESTIONS)(42)

NOTE: Answer 14 questions from this section.

2. Name three scientists of the modern period and write one contribution of each of in the field of Chemistry.
3. Define the following types of chemical reactions and give one example of each of them with a balanced chemical equation: (i) Decomposition reaction
   (ii) Single Displacement reaction
   (iii) Combustion reaction
4. Balance the following equations:
   (i) $Na + H_2O \rightarrow NaOH + H_2$ (ii) $KNO_3 \rightarrow KNO_2 + O_2$
   (iii) $NH_3 + O_2 \rightarrow NO_2 + H_2O$
5. Name the three types of radioactive rays and write one characteristic of each.
6. Define the following:
   (i) Fusion (ii) Sublimation (iii) Diffusion
7. Define Molarity and calculate the molarity of a solution that contains 20gm of NaOH in 500ml of the solution. (Atomic Masses: Na = 23, O = 16, H = l)
8. Define the following:
   (i) Ampere (ii) Coulomb (iii) Equivalent Mass
9. State Bronsted-Lowry concept of acids and bases and explain it with the example of HCl (as an acid) and H_2O (as a base).
10. Write three important uses of Epsom salt.
11. Define a Mole. Calculate no. of moles in 50gm of H_2O.
12. Write the chemical formulae of the following substances.
    (i) Washing soda (ii) Baking soda (iii) Caustic soda
13. Define Exothermic and Endothermic reactions and write one example of each with a balanced chemical equation
14. Write chemical reaction of water with the following elements with balanced chemical equations:

(i) Magnesium (ii) Chlorine (iii) Silicon

15. Compare three physical properties of each of Diamond and Graphite.

16. Define Ozone. How can ozone be prepared from oxygen? Write its two important uses.

OR Write three general properties of Transition Elements.

17. Write three differences between Oxidation & Reduction.

18. Write three important uses of hydrogen.

19. Give the chemical formulae of the following ores:
(i) Bauxite (iii) Haematite (iii) Iron pyrite

20. Why is Methane called Marsh Gas? Write two methods for the preparation of methane gas giving balanced equation.

OR Define Soft water, Hard water and Heavy water.

21. Write the composition and one use of each of the following alloys:(i) Brass (iii) Bronze (iii) Nichrome

22. What are Soaps? Describe the two raw materials used in the preparation of soap.

SECTION 'C' (DETAILED-ANSWER QUESTIONS)(26)

NOTE: Attempt 2 questions from this section.

23.(a) Define Allotropy. Name the allotropic forms of sulphur and give two properties of each of them.

OR Define Electroplating. Describe nickel plating (No diagram is required)

(b) State Faraday's First and Second Laws of Electrolysis.

(c) Name the Alkali Metals of group I A of the Periodic Table and write their three general properties.

24.(a) Describe how sulphur is extracted from underground deposits by Frasch Process. Explain it with a labeled diagram.

(b) State the following: (i) Law of Constant Composition
(ii) Law of Multiple Proportions
(iii) Graham's Law of Diffusion of Gases
(iv) Newland's Law of Octaves

(c) Describe the extraction of iron from its hematite one in the blast furnace (Diagram is not required). Also write the balanced chemical equations of the reactions which take place in the blast furnace.

25.(a) Describe the Laboratory method for the preparation of chlorine with a balanced chemical equation and draw labeled diagram.

(b) Write four points of physical difference between Metals and Non-Metals.

(c) Define a salt & describe the 3 group of salt with example

CHEMISTRY 2010

SOLUTION OF NUMERICALS

Q.7.

Data:
Name of solute: Sodium Hydroxide (Na OH)
Mass of Solute dissolved = 20 gm.
Volume of Solution = 500 ml   Molarity = ?
Gram. Formula mass of NaOH
= (1 x 23) + (1 x 16) + (1 x 1)
= 23 + 16 + 1
40 gms.

Formula:

$$\text{Molarity} = \frac{\text{MassofSolute}}{\text{gms.formulae mass of solute}} \times \frac{1000}{\text{mls of solution}}$$

$$= \frac{20 \times 1000}{40 \times 500}$$

$$= 1$$

Molarity = 1 M Ans.

CHEMISTRY 2011

Time: 30 Minutes **Max. Marks: 17**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (17)

(i) The sum of the mole fractions of solute and solvent is equal to: (a) 3 (b) 2 (c) 1 (d) 0

(ii) The process in which a solid directly changes into vapours is known as:
(a) Sublimation (b) Evaporation
(c) Boiling (d) Melting

(iii) Which one of the following is not an isotope of Hydrogen? (a) $^{1}_{1}H$ (b) $^{2}_{1}H$ (c) $^{3}_{1}H$ (d) $^{4}_{1}H$

(iv) The medal given to the third position holder in any event is made up of:
(a) Gold (b) Silver (c) Bronze (d) Brass

(v) In the Periodic Table, the elements have been arranged in the order of increasing:
(a) Atomic Number (b) Mass Number
(c) Chemical Reactivity (d) Density

(vi) Who discovered oxygen?
(a) J. Black (b) J. Priestly (c) Scheele (d) Cavendish

(vii) Which particle is the lightest in the following?
(a) Electron (b) Proton (c) Neutron (d) Alpha Particle

(viii) Which one of the following is a liquid metal?
(a) Gold (b) Silver (c) Mercury (d) Bromine

(ix) What is the pH of a neutral solution?
(a) 0 (b) 1 (c) 7 (d) 14

(x) How many coulombs are there in one faraday?
(a) 96600 (b) 96500 (c) 96650 (d) 96800

(xi) The number of moles of solute dissolved in one litre of solution is known as:
(a) Molarity (b) Molality (c) Solubility (d) Normality

(xii) A formula that indicates the actual number and type of atoms in a molecule, is called:
(a) Empirical Formula (b) Molecular Formula
(c) Formula Mass (d) Molecular Mass

(xiii) Which one of the following gases is used for respiration? (a) Oxygen (b) Hydrogen
(c) Helium (d) Nitrogen

(xiv) Which of the following is a polar molecule?
(a) O_2 (b) H_2 (c) Cl_2 (d) H_2O

(xv) Which of the following elements is a good conductor of heat and electricity?
(a) Carbon (b) hydrogen (c) Chlorine (d) Copper

(xvi) Which of the following substances is called proton donor? (a) acids (b) bases (c) salts (d) none of them

(xvii) The chemical formula of Sulphuric Acid is:
(a) HCl (b) HNO_3 (c) HSO_4 (d) H_2SO_4

CHEMISTRY 2011

Time: 2 ½ Hours Max. Marks: 68

SECTION "B" (SHORT-ANSWER QUESTIONS)(42)

NOTE: Answer 14 questions from this section.

2. Define Chemistry and write the names of any four branches of chemistry.
3. Balance the following chemical equations:
   (i) $H_2 + Cl_2 \rightarrow HCl$ (ii) $H_2O_2 \rightarrow H_2O + O_2$
   (iii) $Zn + HCl \rightarrow ZnCl_2 + H_2$
4. Calculate the number of Neutrons in the following isotopes. (i) ${}^{12}_{6}C$ (ii) ${}^{13}_{6}C$ (iii) ${}^{14}_{6}C$
5. Write three postulates of Dalton's Atomic Theory.
6. Calculate the molar mass of H_2SO_4.
   (At. Masses: H = 1, S = 32, O = 16)
7. Write three differences between Solution & Suspension.
8. Write three differences between Diamond and Graphite.

OR Define Addition Reaction and give its one example.

9. What is Aqua Regia? How does it dissolve gold?

OR Define Exothermic Reactions and give its one example.

10. State the following laws: (i) Dobereiner's Law of Triads.
    (ii) Newlands; Law of Octaves
    (iii) Modern Periodic Law.
11. Calculate the pH of 0.001 M HCl Solution.
12. Define the following: (i) Homologous Series
    (ii) Functional Group (iii) Aromatic Compounds

OR Define: (i) Mole (ii) Avogadro's Number
(iii) Empirical Formula

13. Calculate the molarity of a solution that contains 2 moles of NaCl dissolved in 0.5 line of solution.
14. What are Plastics. Write the names of its two groups.

OR What are Double Salts? Write the names and chemical formulae of any two double salts.

15. Write three differences between Metals and Non-Metals.

16. What is Scientific Method? Define Hypothesis & Theory.
17. State and explain Faraday's First Law of Electrolysis.
18. Which elements possess seven electrons in their valence shell? Name the element that has the highest electro negativity and give its value.
19. Write 3 differences between ionic bond & covalent bond.
20. What are Oxides? Write the names of its four kinds.

OR Write 3 postulates of Kinetic Molecular Theory of Matter.

21. Define: (i) Electronegativity (ii) Atomic Radius (iii) Ionization Energy
22. What is soap? Write the names of four kinds of soap.

OR Write three general characteristics of alkali metals.

SECTION 'C' (DETAILED-ANSWERQUESTIONS)(26)

NOTE: Attempt 2 questions from this section.

23.(a) Explain, giving balanced chemical equations, the Ammonia Solvay Process for the manufacture of Sodium Carbonate. (05)

(b) State the Law of Multiple Proportions and explain it with the help of an example. (04+04)

(c) What is Co-ordinate Covalent Bond? How is Co-ordinate covalent Bond formed between NH_3 and H^+ ion? Explain.

24.(a) With the help of a labeled diagram, explain how Sulphur is extracted by Frasch Process. (05)

OR With the help of a labeled diagram, explain the construction and working of a Dry Battery Cell.

(b) How is Ammonia manufactured by Haber-Bosch Process? Explain. (04)

OR Calculate the amount of Silver deposited on cathode when a 10 ampere electric current is passed through a solution of Ag NO_3 for 3600 seconds. (Electrochemical equivalent of Silver = 0.001118 g/C.

(c) What is Hard Water? How is hard water softened by using Zeolite (Permutit) process? Explain. (04)

OR What are Transition Elements? Write their three general properties.

25.(a) Describe Rutherford's experiment which led him to the discovery of the nucleus of an atom. (05)

(b) Define the following: (i) Enthalpy (ii) Metalloids (iii) Heat of Neutralization (iv) Diffusion (04)

(c) State Lewis Theory of Acids and Bases and explain it with the help of an example. (04)

CHEMISTRY 2011

SOLUTION OF NUMERICALS

Q.4. Given:

(i) $^{12}_{6}C$ (ii) $^{13}_{6}C$ (iii) $^{14}_{6}C$

REQUIRED: No. of Neutrons In each atom = N = ?

SOLUTION:

(i) $^{12}_{6}C$

Mass number A = 12
No. of protons Z = 6
No. of neutrons N = ?
– A – Z = N
Or N = A – Z
N = 12 – 6 = 6

(ii) $^{13}_{6}C$

Mass number A = 13
No. of protons Z = 6
No. of neutrons N = ?
– A – Z = N
Or N = A – Z
N = 13 – 6 = 7

(iii) $^{14}_{6}C$

Mass number A = 14
No. of protons Z = 6
No. of neutrons N = ?
N = A – Z
N = 14 – 6 = 8

Q.6. Given: H_2SO_4
Molar Mass = ?

SOLUTION: Molar mass is
= (2 x 1) + (1 x 32) + (4 x 16)
= 2 + 32 + 64 = 98 grams.

Q.11. Given:
Molarity = 0.001 M
pH = ?

SOLUTION:
Molarity in exponential from will be

$$M = \frac{0.001}{1000} \text{ Or } \frac{1}{10^3}$$

$$M = 1 \times 10^{-3}$$

Formula:

$pH = -\log [H^+]$
$pH = -\log [10^{-3}]$
$pH = -(-3) \log 10$
$= \text{as } \log 10 = 1$
$pH = 3 \times 1$
$pH = 3$

Q.24.(b) Data:
Amount of current A =10 Amp.
Time t = 3600 seconds
Z for silver = 0.00111^8 g/c
Weight of silver deposited W = ?

SOLUTION:
W = Z x A x t
W = 0.001118 x 10 x 3600
W = 40.25 grams

CHEMISTRY 2012

Time: 30 Minutes **Max. Marks: 17**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (17)

(i) The molecular mass of heavy water is:
(A) 16 a.m.u. (B) 18 a.m.u. (C) 20 a.m.u. (D) 22 a.m.u.

(ii) Diamond is used as abrasive because it is:
(A) Hard (B) Soft
(C) Cubic (D) Bad Conductor of electricity

(iii) The most reactive metal is:
(A) Na (B) Cu (C) Fe (D) Ca

(iv) Iodine belongs to this family:
(A) Boron (B) Carbon (C) Nitrogen (D) Halogen

(v) The temperature at which the Vapour Pressure of a liquid becomes equal to its external pressure is called:
(A) Melting point (B) Boiling point
(C) Freezing point (D) Triple point

(vi) Which pair of elements is chemically similar:
(A) K, Cr (B) Cu, Ca (C) F, Cl (D) N, O

(vii) The force which holds atoms together in a molecule or Crystal is called:
(A) Ionic bond (B) Covalent bond
(C) Co-ordinate covalent bond (D) Chemical bond

(viii) The chemical formula of washing soda is:
(A) $Na_2CO_3.10H_2O$ (B) $Na_2CO_3.8H_2O$
(C) Na_2CO_3 (D) $Na_2CO_3.12H_2O$

(ix) Natural Gas mainly consists of:
(A) Methane (B) Ethane (C) Propane (D) Butane

(x) The PH value of Salvia is:
(A) 4.2 (B) 6.5 (C) 7.0 (D) 7.8

(xi) Group I-A elements are called:
(A) Halogens (B) Alkali metals
(C) Alkaline earth metals (D) Noble gases

(xii) Symbols of elements were suggested by:
(A) Cavendish (B) Lavoisior
(C) Gay Lussac (D) J.J. Berzellius

(xiii) The electrolyte in lead storage battery is:
(A) H_2SO_4 (B) HCl (C) HNO_3 (D) H_3PO_4

(xiv) Salts that are formed by the reaction of strong acid with weak base are:
(A) Acidic Salts (B) Common Salts

(C) Basic Salts (D) Double Salts

(xv) One Faraday =

(A) 96800 Faraday (B) 96600 Faraday

(C) 96500 Columb (D) 96560 Faraday

(xvi) The suspended particles in suspension are generally of the size:

(A) 10 nm (B) 100 nm (C) 1200 nm (D) 1 nm

(xvii) The nucleus of an atom consists of:

(A) Electrons and protons (B) Protons and neutrons

(C) Electrons and neutrons (D) Only protons

CHEMISTRY 2012

Time: 2 ½ Hours Max. Marks: 68

Instruction: This paper consisting of Short-Answer Questions (Section "B") and Detailed-Answer Questions (Section "C") will be given after 30 minutes.

SECTION "B" (SHORT-ANSWER QUESTION)(42)

NOTE: Answer 14 questions from this section

2. What is a chemical reaction? Define and give one example of each of the following:
   (i) Single displacement reaction
   (ii) Decomposition reaction
3. Calculate the molarity of a solution containing 4 gm of NaOH in 250 cm^3 of Solution.
   (At. mass Na = 23, O = 16, H = 1)
4. Give the chemical formulae of the following ores.
   (i) Copper Pyrite (ii) Iron Pyrite (iii) Haematite
5. Name three types of radioactive rays and write one characteristic of each.
6. Calculate the number of moles, in 40g of Water.
   (At mass H = 1, O = 16)
7. Define water glass and write any two uses of it.

OR Write three properties of Acids.

8. Define the following terms:
   (i) Metal (ii) Non-Metal (iii) Metalloids
9. Write three uses of Sodium Bi Carbonate.
10. What is Allotropy? Write the names of two crystalline forms of sulphur and one characteristic of each of them.

OR Write three differences between a solution and suspension.

11. Give the Chemical Formulae of the following substances
    (i) Caustic Soda (ii) Baking Soda (iii) Washing Soda
12. Define the following: (i) Brownian movement

(ii) Evaporation (iii) Boiling point

13. What are hydrocarbons? Define saturated and unsaturated hydrocarbons.

OR Write any three differences between Covalent Bond and Coordinate Covalent Bond.

14. Define: (i) PH (ii) Basicity of Acids (iii) Double Salts

15. What is Ionic Bond? Write any two characteristics of Ionic Compounds.

16. State the law of Constant composition and explain it with one example.

17. Define: (i) Saturated Solution (ii) Unsaturated Solution (iii) Super Saturated Solution

OR Define: (i) Alkane (ii) Alkene (iii) Alkyne

18. Which elements posses only one electron in their valence shell? What are they called? Name the radioactive element of this group.

19. Write down three common properties of Covalent Compounds.

20. Define the following terms:
(i) Isotopes (ii) Periodicity (iii) Neutralization

21. What is Endothermic reaction? Give two examples.

22. Write any three uses of Hydrogen.

OR Define: (i) Polymeric Chemistry (ii) Environmental Chemistry (iii) Analytical Chemistry

SECTION C (DETAILED-ANSWER QUESTION)(26)

NOTE: Attempt 2 questions from this section.

23.(a) What is chemical bond? Define Covalent Bond. Explain Polar Covalent Bond and Non Polar Covalent Bond.

(b) What are the Transition Elements? Write any three properties of Transition Elements.

(c) Define the following: (i) Sublimation (ii) Molarity (iii) Diffusion (iv) Avogadro's Number

24.(a) Define Landolt Experiment with labeled diagram for practical verification of Law of Conservation of Mass.

(b) Describe four types of Normal Oxides.

(c) State Faraday's First and Second Law of electrolysis and write two advantages of Electro plating.

25.(a) With the help of labeled diagram and balanced chemical equation, describe the laboratory method for the preparation of chlorine.

(b) Define a salt and describe the three groups of salts with examples. **OR** Write four uses of Sulphuric Acid.

(c) Calculate the amount of silver deposited at cathode when 10 ampere of current is passed for 50 minutes through a Solution of $Ag\ No_3$. (Z of Ag = 0.00118 g/C)

OR Write any four uses of Bleaching powder.

CHEMISTRY 2012

SOLUTION OF NUMERICALS

Q.3. Data: Mass of solute NaOH = 4 gms

Volume of solution = 250 cm^3

Molarity M = ?

SOLUTION:

Gram formula mass of NaOH

= (1 x 23) + (1 x 16) + (1 x 1)

= 23 + 16 + 1 = 40 gms.

Molarity $M = \frac{\text{Mass of solute} \times 1000}{\text{Gram formula mass} \times \text{volume of Solution}}$

$M = \frac{4 \times 1000}{40 \times 250} = \frac{4000}{10000}$

M = 0.4

Q.6. Data: Mass of water = 40 gms

Number of Moles of water = ?

SOLUTION:

Formula mass of water H_2O = (2 x 1) + (1 x 16)

= 2 + 16 = 18 a.m.u.

$\text{No. of moles} = \frac{\text{Given mass of Sulostance}}{\text{Formula mass}}$

$= \frac{40}{18} = 2.222$ moles

Q.25.(c) Data: Amount of current A = 10 amp.

Time t = 50 minutes

= 50 x 60 = 3000 Seconds

Z for Silver = 0.00118 g/c

Amount of Ag deposited W = ?

SOLUTION:

W = Z x A x t

W = 0.00118 x 10 x 3000

W = 35.4 gms.

CHEMISTRY 2013

Time: 30 minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

(i) It is a trial idea:
(a) Experiment (b) Hypothesis (c) Theory (d) Scientific Law

(ii) It is the empirical formula of glucose:
(a) CH_2O (b) $C_2H_4O_2$ (C) $C_5H_{10}O_5$ (d) $C_6H_{12}O_6$

(iii) It is not an isotope of oxygen:
(a) ${}^{16}_{8}O$ (b) ${}^{17}_{8}O$ (c) ${}^{18}_{8}O$ (d) ${}^{19}_{8}O$

(iv) The vertical columns of the periodic table are called:
(a) Periods (b) Series (c) Groups (d) Rows

(v) It is an ionic compound:
(a) H_2O (b) CO_2 (c) NH_3 (d) NaCl

(vi) Neither definite shape nor definite volume is the property of:
(a) Solid (b) Liquid (c) Gas (d) None of them

(vii) It is defined as the number of moles of solution dissolved in one litre of solution:
(a) Molarity (b) Molality (c) Normality (d) Mole fraction

(viii) It is the unit of electrical current:
(a) volt (b) coulomb (c) faraday (d) ampere

(ix) It is a proton-donar:
(a) Acid (b) Base (c) Salt (d) Alkali

(x) It is an exothermic process:
(a) Evaporation (b) Respiration
(c) Thermal decomposition (d) Melting

(xi) It is an Ion-exchanger resin:
(a) Na-zeolite (b) $Ca(OH)_2$ (c) $MgSO_4$ (d) NaCl

(xii) When carbon burns in air, this gas is produced:
(a) SO_2 (b) H_2S (c) NH_3 (d) CO_2

(xiii) It is the study of Hydrocarbons and their derivatives:
(a) Physical Chemistry (b) Inorganic Chemistry
(c) Organic Chemistry (d) Environmental Chemistry

(xiv) This gas is used for respiration:
(a) Hydrogen (b) Oxygen (c) Nitrogen (d) Chlorine

(xv) It is the only liquid metal:
(a) Bromine (b) Mercury (c) Gold (d) Sulphur

(xvi) The most abundant and useful halogen is:
(a) Fluorine (b) Chlorine (c) Bromine (d) Iodine

(xvii) Red ink is normally prepared from:

(a) Oak plant (b) Linseed oil (c) Silver nitrate (d) Brazil wood

CHEMISTRY 2013

Time: 2 ½ Hours Max. Marks: 68

Instruction: This paper consisting of Short-Answer Questions (Section "B") and Detailed-Answer Questions (Section "C") will be given after 30 minutes and its total duration will be 2 ½ hours only.

SECTION "B" (SHORT-ANSWER QUESTIONS)

NOTE: Answer any 14 questions from this section. Each questions carries 3 marks. (42)

2. Write one contribution of each of the following scientists towards the development of Chemistry.
(i) J.J. Thomson (b) Mendeleev (c) Rutherford
3. Balance the following chemical equations:
(i) $KClO_3 \rightarrow KCl + O_2$ (ii) $Fe + HCl \rightarrow FeCl_2 + H_2$
(iii) $CH_4 \rightarrow C + H_2$
4. Define Double Displacement Reactions and give one example.
5. Calculate the number of neutrons in the following isotopes: (i) $^{37}_{17}Cl$ (ii) $^{207}_{82}pb$ (iii) $^{235}_{92}U$
6. Calculate the number of moles in 7.4g $Ca(OH)_2$
(Atomic Masses: Ca = 40, O = 16, H = 1)
7. Write three differences between Covalent Bond and Co-ordinate Bond.
8. Define the following:
(i) Diffusion (ii) Sublimation (iii) Brownain movement
9. A solution has been prepared by dissolving 2 moles of ethyl alcohol in 8 moles of water. Calculate the mole fractions of ethyl alcohol and water in this solution.
10. Write the chemical formulae of the following compounds:
(i) Bauxite (ii) Haematite (iii) Copper Pyrite
11. Which elements have zero valency? In which group of the Periodic Table have they been placed? Also give their two examples.
12. How many Periods and Groups are there in the Modern Periodic Table? Also state what are Lanthanides and Actinides?
13. State the Law of Reciprocal Proportions and explain it with the help an example.
14. What is Slica Gel? Write its two uses.
15. Define Acid, Base & Salt. Also give one example of each.

16. Write three uses of Chlorine.
17. Write three differences between Oxidation and Reduction reactions.
18. What is Soap How does it remove dirt & dust from cloth
19. A hydrocarbon contains six carbon atoms. Write its molecular formula if it is:
(i) An Alkane (b) An alkene (c) An Alkyne
20. Calculate the pH and pOH of a 0.1 M Nitric solution.
21. Write three properties of Cathode Rays.
22. Define the following:
(i) Thermochemistry (ii) Heat of Neutrilization (iii) Enthalpy

SECTION 'C' (DETAILED-ANSWER QUESTIONS)

NOTE: Attempt Two questions from this section. Each question carries 13 marks. (26)

23.(a) How is Caustic Soda manufactured by Castner-Kellner's Cell?
Explain the process giving balanced chemical equations (Diagram is not required)
(b) With the help of a labeled diagram, explain the construction and working of a Lead Storage Battery.
(c) With the help of a labeled diagram and balanced chemical equations, explain how Nitric Acid is manufactured by Ostwald's Process.
24.(a) Explain giving balanced chemical equations, the Contact Process for the manufacture of Sulphuric Acid. (Diagram is not required.)
(b) What is the difference between Soft Water and Hard Water? How is hard water softened by Clark's Method? Explain
(c) Write two causes of food-spoilage and two methods of its prevention.
25.(a) Define the following:
(i) Homologous Series (ii) Functional Group
(iii) Aliphatic Hydrocarbons (iv) Alicyclic Hydrocarbons
(v) Aromatic Hydrocarbons
(b) Describe the process of Electrolytic Refining of Blister Copper. Also draw a labeled diagram.
(c) What is Ionic Bond? How is an Ionic bond formed between Sodium and Chlorine atoms resulting in the production of NaCl. Explain.

CHEMISTRY 2013

SOLUTION OF NUMERICALS

Q.6. Data: Given mass of $Ca(OH)_2$ = 7.4 gms.
Formula mass of $Ca(OH)_2$
= 40 + (2 x 16) + (2 x 1)
= 40 + 32 + 2 = 74 a.m.u.
Moles = ?

SOLUTION: Formula:

$$\text{No. of Moles} = \frac{\text{Given mass}}{\text{Formula mass}}$$

$$\text{" "} = \frac{7.4}{74} = 0.1 \text{ mole}$$

Q.9. Data: No. of moles of Ethyl Alcohol = 2 moles
" " " water = 8 moles

SOLUTION:

Mole fraction of ethyl Alcohol

$$X_A = \frac{nA}{nA + nB} = \frac{2}{2+8} = \frac{2}{10} = 0.2$$

Mole fraction of Alcohol = 0.2

<u>Mole fraction of water</u>

$$X_B = \frac{nB}{nA + nB} = \frac{8}{2+8} = \frac{8}{10} = 0.8$$

Mole fraction of water = 0.8

Q.20. Given: Molarity of Nitric Acid 0.1 M
pH = ? pOH = ?
pH = - log $[H^+]$
0.1 M is equal to 1×10^{-1} M
pH = - log $[H^+]$
= - log $[10^{-1}]$
= - x -1 log 10
= 1 x 1
= pH = 1
As pH + pOH = 14
∴ 1 + pOH = 14
∴ pOH = 14 - 1
pOH = 13

CHEMISTRY 2014

Time: 30 Minutes **Max. Marks: 17**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (17)

(1) The branch of Chemistry which deals with the emission of radiations from nuclei is called:
(a) Organic Chemistry (b) Inorganic Chemistry
(c) Nuclear Chemistry (d) Physical Chemistry

(2) Molecular mass expressed in grams is called:
(a) Atomic mass (b) Molar mass
(c) Formula mass (d) Equivalent mass

(3) Which one of the following elements has its electronic configuration $K^2L^8M^2$?
(a) Calcium (Ca) (b) Magnesium (Mg)
(c) Neon (Ne) (d) Sodium (Na)

(4) It has the highest value of electro negativity:
(a) Flourine (b) Chlorine (c) Bromine (d) Iodine

(5) This bond is also called electrovalent bond:
(a) Covalent bond (b) Ionic bond
(c) Polar bond (d) Hydrogen bond

(6) The state of matter, having definite shape and volume is known as:
(a) Solid (b) Liquid (c) gas (d) Plasma

(7) If 0.4 is the mole fraction of solute, the mole fraction of solvent would be: (a) 0.1 (b) 0.6 (c) 0.9 (d) 1.0

(8) Which one of the following is an electrolyte?
(a) Petrol (b) Ethyl Alcohol (c) Benzene (d) Sodium Chloride

(9) The pH value of distilled water is:
(a) 1 (b) 4 (c) 7 (d) 14

(10) It is an exothermic reaction:
(a) Combustion (b) Decomposition
(c) Photosynthesis (d) Fusion

(11) It is called Ordinary Hydrogen:
(a) Nascent Hydrogen (b) Protium
(c) Deuterium (d) Tritium

(12) Kaolin (China Clay) is used to make:
(a) Crockery (b) Glass (c) Ceramics (d) Asbestos

(13) The air we breathe in, usually contains the highest proportion of:
(a) Hydrogen (b) Nitrogen (c) Oxygen (d) Carbon dioxide

(14) Chemically strong acid is:
(a) Acetic acid (b) Nitric acid

(c) Hydrochloric acid (d) Sulphuric acid
(15) The alloy of copper (Cu) and Zinc (Zn) is:
(a) Bronze (b) Brass (c) Nichrome (d) Amalgam
(16) This gas is also called "Marsh gas".
(a) Water gas (b) Mustard gas
(c) Methane (d) Carbon monoxide
(17) The chemical process for the preparation of soap is called:
(a) Titration (b) Distillation
(c) Neutralization (d) Saponification

CHEMISTRY 2014

Time: 2 ½ Hours Max. Marks: 68

SECTION "B" (SHORT-ANSWER QUESTIONS)(42)

NOTE: Answer 14 questions from this section.

(2) Write three sentences on the importance of Chemistry.
(3) How many electrons, protons and newtrons are present in the following ions:
(i) O^{-2} (ii) Mg^{+2} (iii) Cl^{-1}
[O_{8}^{16} Mg_{12}^{24} $C\ell_{17}^{35}$]
(4) Calculate the number of atoms, present in one gram of Oxygen.
(5) Balance the following chemical equations:
(i) $S + H_2SO_4 \rightarrow SO_2 + H_2O$
(ii) $C_2H_2 + O_2 \rightarrow CO_2 + H_2O$
(iii) $NH_3 + Cl_2 \rightarrow N_2 + HCl$
(6) Write the names of functional groups and formulae of the following:
(i) Ethyl Alcohol (ii) Acetic Acid (iii) Propyl Iodide
(7) Define double salt and write the formulae of:
(i) Potash Alum (ii) Carnalite
(8) Define: (i) a.m.u. (ii) mole (iii) mass number
(9) Write 3 salient features of Mendeleev's periodic table.
(10) Calculate molarity of solution containing 9.8 g H_2So_4 per 500 mL solution.
(11) Write any three characteristics of Transition elements.
(12) Define: (i) Boiling Point (ii) Freezing Point (iii) Diffusion
(13) Define: (i) Electro Chemistry Equivalent (ii) Electrolysis
(14) Write three differences between diamond and graphite.
(15) What is chemical formula of Bleaching Powder? Write its Laboratory Preparation.
(16) Define: (i) Standard Solution
(ii) Acidity of base (iii) Basicity of acid
(17) Define refining of Petroleum and write two fractions of it.

(18) Write chemical formulae of: (i) Caustic Soda
(ii) Soda ash (iii) Baking soda

(19) Define Exothermic and Endothermic reaction with one representative chemical equation of each.

(20) Define: (1) Functional Group
(ii) Hemologous series (iii) Isomerism

(21) Define water of crystallization; write names and chemical formulae of two hydrated salts.

(22) Write only chemical equations of reaction of hydrochloric acid with the following:
(i) Sodium Hydroxide (ii) Sodium bicarbonate
(iii) Manganese dioxide

SECTION 'C' (DETAILED-ANSWERQUESTIONS)(26)

NOTE: Attempt 2 questions from this section.

23.(a) Describe Frasch Process to extract Sulphur from underground deposits with the help of a labeled diagram.
(b) Write two physical and two chemical differences between metals and Non-Metals.
(c) Express step-wise chlorination of Methane giving four chemical equations.

24.(a) Describe with balanced chemical equations, Slovay process for Industrial preparation of Anhydrous Sodium Carbonate.
(b) A current of 5 ampere was passed through a solution of $AgNO_3$ for 5 minutes. Calculate the mass of Silver (Ag) eposited on the cathode. [Electrochemical Equivalent of Ag = 0.00118 g/c.]
(c) Write four uses of Hydrogen per oxide (H_2O_2)

25.(a) What are Oxides? Describe four types of normal oxides on the basis of chemical properties with examples.
(b) Define steel and name three methods of conversion of pig iron into steel.
(c) Define: (i) Metalloid (ii). Electro negativity
(iii) Chemical bond (iv) Atomic radius

CHEMISTRY 2014

SOLUTION OF NUMERICALS

Q.4. Data:

Mass of substance (Oxygen) = 1 gm
Atomic Mass = 16 a.m.u.
Number of atoms = ?
Using Avogadro' Number

$$\text{Number of atoms} = \frac{N_A \times \text{Massofsubstance}}{\text{Atomic Mass}}$$

$$\text{" " } = \frac{6.02 \times 10^{23} \times 1}{16}$$

$$\text{" " } = 0.37 \times 10^{23}$$

$$\text{Or } = 3.7 \times 10^{22} \text{ Atoms Ans.}$$

Q.10. Data:

Mass of salute (H_2SO_4) = 9.8 gm
Volume of solution = 500 ml
Mobility M = ?

SOLUTION:

Gram formula mass of H_2SO_4
= (2 x 1) + (1 x 32) + (4 x 16)
= 2 + 32 + 64
= 98 gms.

$$\text{Formula Morarity } M = \frac{\text{Mass of solute} \times 1000 \text{ cm}^3}{\text{gm formula Mass} \times \text{cm}^3 \text{ of solution}}$$

$$\text{" " } = \frac{9.8 \times 1000}{98 \times 500}$$

$$\text{" " } = 0.2 \text{ M}$$

Q.24.(b) Given:

Current passed = 5 Ampere
Time in seconds = 5 minute
= 5 x 60 = 300 sec.
Electro chemical equivalent of silver Z = 0.00118 gm/c
Mass of silver deposited = ?

SOLUTION:

Formula: W = Z A t
W = 0.00118 x 5 x 300
W = 1.77 gms.

CHEMISTRY Paper I 2015

Time: 3 Hours **Max. Marks: 85**

Time: 30 Min. **Section "A" Multiple Choice Questions (MCQ's)** **Marks: 17**

Q.1 Choose the correct answer for each from the given options:

(i) Solution of known concentration is called:
(a) Aqueous solution (b) ***Standard solution***
(c) Saturated solution (d) Unsaturated solution

(ii) It is an endothermic reaction:
(a) Respiration (b) Combustion
(c) Thermal Decomposition (d) Neutralization

(iii) In Lead storage battery this dilute acid is used as an electrolyte:
(a) HCl ***(b) H_2SO_4***
(c) HNO_3 (d) H_2CO_3

(iv) It is the second most abundant element in the earth's crust:
(a) Sulphur (b) Iron (c) Nitrogen (d) ***Silicon***

(v) A mixture of carbon-mono-oxide (CO) & Hydrogen (H_2) is called
(a) Tear gas ***(b) Water gas***
(c) Marsh gas (d) Mustard gas

(vi) Air contains about 21% of this gas by volume:
(a) H_2 (b) Cl_2 (c) N_2 ***(d) O_2***

(vii) The nature of normal oxides of non-metals is:
(a) acidic (b) basic (c) neutral (d) amphoteric

(viii) The chemical formula of Oleum (pyrosulpuric acid) is:
(a) H_2S (b) H_2SO_3 (c) H_2SO_4 ***(d) $H_2S_2O_7$***

(ix) Which one of the following molecule is an Alkane?
(a) C_5H_8 (b) C_5H_{10} (c) C_5H_{11} ***(d) C_5H_{12}***

(x) Impure Iron metal obtained from blast furnace is called:
(a) Pig Iron (b) Cast Iron
(c) Wrought Iron (d) Steel

(xi) The colour of black shoes polish is due to:
(a) Animal charcoal (b) Pearl ash
(c) Bismark brown (d) Bees wax

(xii) In scientific approach, it is considered only a trial idea:
(a) observation (b) theory
(c) hypothesis (d) scientific law

(xiii) In 1785, the French chemist Lavosier presented the law of:
(a) Conservation of mass (b) constant composition
(c) multiple proportion (d) reciprocal proportion

(xiv) It is the heaviest particle in an atom:
(a) electron (b) proton
(c) neutron (d) Photon

(xv) The electronic configuration of Sodium ion (Na^+) is similar to this noble gas:
(a) Helium (He) ***(b) Neon (Ne)***
(c) Krypton (Kr) (d) Argon (Ar)

(xvi) The process in which molecules escape from the surface of liquid is called:

(a) *Evaporation* (b) Fusion
(c) Melting (d) Sublimation

(xvii) It is the longest period of the modern periodic table:
(a) third period (b) Fourth period
(c) fifth period (d) *sixth period*

Time: 2 ½ Hours ***SECTION "B" & "C"*** ***Max. Marks: 68***

Section "B" (Short-Answer Questions) (42 Marks)

Note: Answer any 14 questions from this section. All questions carries equal marks.

2. Write one contribution of each of the following scientists towards the development in chemistry.
(i) J.Priestly (ii) J.J. Berzellius (ii) John Dalton
3. Define molar mass and calculate the molar mass of $CaCO_3$ and $MgCl_2$ (Atomic masses: Ca=40, C=12, O=16, Mg=24, Cl=35.5)
4. What is a chemical reaction? Define single displacement reaction with a relevant chemical equation.
5. Balance the following chemical equations:
$(i)\ Al + HCl \longrightarrow AlCl_3 + H_2$
$(ii)\ Sb + Cl_2 \longrightarrow SbCl_3$
$(iii)\ S + H_2SO_4\,(conc.) \longrightarrow SO_2 + H_2O$
6. Define: (i) Atomic number (ii) Mass number
(iii) Avogadro's number.
7. Write down three differences b/w ordinary water & heavy water.
8. Define Isotopes and find-out the number of neutrons in the following Isotopes. (i) $^{207}_{82}Pb$ (ii) $^{234}_{92}U$
9. State Bronsted-Lowry theory of acids and bases with one example of each.
10. Write chemical formula of the following Hydrated salts with their water of crystallization. (i) Copper Sulphate
(ii) Sodium Carbonate (iii) Magnesium sulphate
11. Define: (i) Solubility (ii) Molarity (iii) Molality
12. State following laws: (i) Modern Periodic law
(ii) Henry's law (iii) Graham's law of diffusion of gases
13. A solution contains 2 mole of Ethyl Alcohol and 3 moles of water. Calculate the mole fractions of Ethyl Alcohol and water in this solution.
14. Write three uses of graphite.
15. What is change in Enthalpy (ΔH)? How does it help to identify the types of thermo-chemical reactions.
16. Define Oxidation by three different ways with one suitable example for each.
17. Chlorine is naturally found in two stable isotopes $_{17}Cl^{35}$ and $_{17}Cl^{37}$ in the proportion of 75% and 25% respectively. Calculate its atomic mass.
18. State the law of multiple proportion and explain it with the help of an example.
19. Define neutralization, write down chemical equations of the reaction of NaOH with HCl and CH_3COOH.

20. Define the following:
(a) Electrochemical Equivalent (b) Faraday (c) pH

21. What are metalloids? Write two differences between metals and non-metals.

22. Define: (i) Paints (ii) Varnishes (iii) Polishes

Section "C" (Detailed-Answers Questions) **(26 Marks)**

Note: Attempt Two questions from this section.

23(a) Describe industrial preparation of Nitric Acid (HNO_3) by Ostwald's process with three balanced chemical equations. (5)

(b) Define: (i) Hydro Carbons (ii) Aliphatic Hydro Carbons (iii) Alicyclic Hydro Carbons (iv) Aromatic Hydro Carbons. (4)

(c) Write down four characteristics of Covalent Compounds. (4)

24(a) Describe laboratory preparation of Chlorine gas by taking mangnese dioxide (MnO_2) & Hydrochloric acid (HCl). Also draw a labelled Daigram. (5)

(b) Name the group of the periodic table which contains highly electronegative elements. Also write three common characteristics of this group. (4)

(c) Define: (i) Chemical bond (ii) Ionic bond
(iii) Covalent bond (iv) Co-ordinate covalent bond

25. (a) Describe electrolytic refining of Blister Copper with a labelled diagram. (5)

(b) Describe the following methods to remove hardness in water.
(i) Clark's method (ii) By using Zeolite or Permutit (4)

(c) Define Oxides, classify Oxides on the basis of oxidation state of oxygen into three groups with one example of each. (4)

Q.3 Define molar mass and calculate the molar mass of $CaCO_3$ and $MgCl_2$ (Atomic masses: Ca=40, C=12, O=16, Mg=24, Cl=35.5)

Calculation:

$$\text{Molar mass of } CaCO_3 = (1\times 40)+(1\times 12)+(3\times 16)$$
$$= 40+12+48 = 100gm \quad \textbf{Ans.}$$

$$\text{Molar mass of } MgCl_2 = (1\times 24)+(2\times 35.5)$$
$$= 24+71 = 95\,gm \quad \textbf{Ans.}$$

Q.5 Balance of the following chemical equations:

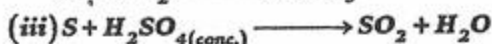
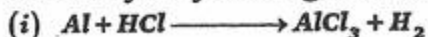
(i) $Al + HCl \longrightarrow AlCl_3 + H_2$

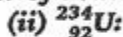
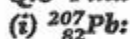
$$2Al + 6HCl \longrightarrow 2AlCl_3 + 3H_2$$

(ii) $Sb + Cl_2 \longrightarrow SbCl_3$

$$2Sb + 3Cl_2 \longrightarrow 2SbCl_3$$

(iii) $S + H_2SO_{4(conc.)} \longrightarrow SO_2 + H_2O$

$$S + 2H_2SO_{4(conc.)} \longrightarrow 3SO_2 + 2H_2O$$

Q.8 Find-out the number of neutrons in the following Isotopes.

(i) $^{207}_{82}Pb$: **(ii) $^{234}_{92}U$:**

Number of Neutrons in lead $^{207}_{82}Pb$:

$$\text{No. of neutrons} = \text{Atomic mass} - \text{Atomic no}$$
$$= 207 - 82$$
$$= 125 \textbf{ Ans.}$$

Number of Neutrons in Uranium $^{234}_{92}U$:

$$\text{No. of neutrons} = \text{Atomic mass} - \text{Atomic no}$$
$$= 234 - 92$$
$$= 142 \textbf{ Ans.}$$

Q.13 A solution contains 2 mole of Ethyl Alcohal and 3 moles of water. Calculate the mole fraction of Ethyl Alcohal and water in the solution.

Solution of the Numerical:

Data:

Moles of ethyl alcohol $= n_A = 2moles$

Moles of water $= n_B = 3moles$

Moles fraction of ethyl alcohol $= X_A = ?$

Moles fraction of water $= X_B = ?$

Total number of Moles $= n_A + n_B = n_t$

$= 2 + 3 = 5$

Formula:

$$\text{Mole fraction} = \frac{\text{Moles of component}}{\text{Total number of moles}}$$

Solution:

Mole fraction of ethyl alcohol $= X_A = \frac{2}{5} = 0.4$

Mole fraction of water $= X_B = \frac{3}{5} = 0.6$

Q.17 *Chlorine is naturally found in two stable isotopes $_{17}Cl^{35}$ and $_{17}Cl^{37}$ in the proportion of 75% and 25% respectively. Calculate its atomic mass.*

<u>Solution:</u>

Average atomic mass of chlorine

$$= \frac{75}{100} \times 35 + \frac{25}{100} \times 37$$

$$= \frac{75 \times 35}{100} + \frac{25 \times 37}{100}$$

$$= \frac{105}{4} + \frac{37}{4}$$

$$= \frac{105 + 37}{4} = \frac{142}{4} = 35.5 \text{Ans}$$

CHEMISTRY 2016

Time: 30 Minutes **Max. Marks: 17**

<u>SECTION "A" (MULTIPLE CHOICE QUESTIONS)</u>

1. Choose the correct answer for each from the given options: (17)

(ii) He discovered oxygen:
- J. Black • <u>J. Priestly</u> • Scheele • Cavendish

(ii) It is used in shoe polish to provide shine to the shoes:
- <u>Bee wax</u> • Pearl ash • Soap • Caustic soda

(iii) The general formula of Alkane is:
- C_nH_{2n} • <u>C_nH_{2n+2}</u> • C_nH_{2n-2} • C_nH_{2n-1}

(iv) The formula of the Iron rust is:
- <u>Fe_2O_3</u> • $Fe_2O_3.H_2O$ • FeO • Fe_3O_4

(v) In peroxides, the valency of oxygen is:
- <u>-1</u> • -2 • -1/2 • +1

(vi) China clay is used in making of:
- Glass • <u>Crockery</u> • Ceramics • Silica Jel

(vii) A suspension of carbon particles in air is called:
- Foam • Mud • <u>Smoke</u> • Fog

(viii) The father of modern Chemistry is:
- <u>Robert Boyle</u> • Al-Razi • Faraday • J. Priestley

(ix) Symbols of the elements were suggested by:
- John Dalton • J.J. Thomson
- <u>J.J. Berzellius</u> • Rutherford

(x) The sum of the mole fractions of solute and solvent is:
- 0 • <u>1</u> • 2 • 5

(xi) Which of the following elements forms basic oxide:
- <u>Sodium (Na)</u> • Carbon(C) • Sulphur(S) • Phosphorous(P)

(xii) The formation of water from Hydrogen (H_2) and Oxygen (O_2) is example of:
- <u>Exothermic reaction</u> • Endothermic reaction
- Neutralization reaction • None of these

(xiii) The freezing point of heavy water is:
- 0°C • <u>3.81°C</u> • 4°C • 1°C

(xiv) It is a good conductor of electricity:
- Diamond • <u>Graphite</u> • Mica • Quartz

(xv) The most abundant and useful halogen is:
- Fluorine • <u>Chlorine</u> • Bromine • Iodine

(xvi) This gas is used for respiration:
- H_2 • Cl_2 • <u>O_2</u> • N_2

(xvii) Red ink is normally prepared from:

CHEMISTRY 2016

Time: 2 ½ Hours — Max. Marks: 68

SECTION "B" (SHORT-ANSWER QUESTIONS)(42)

NOTE: Answer 14 questions from this section.

2. Write any three postulates of Dalton's Atomic Theory.
3. Balance the following chemical equations.
   (i) $NH_3 + O_2 \rightarrow NO + H_2O$ (ii) $Zn + HCl \rightarrow ZnCl_2 + H_2$
   (iii) $LClO_3 \rightarrow KCl + O_2$
4. Define: (i) Empirical Formula (ii) Molar Mass
   (iii) Avogadro's Number
5. Write down three characteristics of Cathode rays.
6. State the following laws:
   (i) Dobereiner's law of Triad (ii) Newland's law of Octave (iii) Modern Periodic law
7. Write three differences between ionic compounds and covalent compounds.
8. Define: (i) Fusion (ii) Evaporation (iii) Sublimation
9. Define solubility and describe effects of temperature and pressure on solubility.
10. Define: (i) Chemical Bond (ii) Metallic Bond
    (iii) Hydrogen Bond
11. Define: (i) Diffusion (ii) Brownian Movement
    (iii) Boiling Point
12. State the Lewis concept about acids and bases and explain it with an example.
13. Write three differences between Solution & Suspension.
14. Define: (i) Enthalpy of reaction
    (ii) Heat of Neutralization (iii) Endothermic reaction
15. What is Allotropy? Name two crystalline allotropes and two amorphous allotropes of carbon.
16. Write Industrial preparation of Ammonia by Haber-Bosch process with balanced chemical equation.
17. What is Aqua regia? How does it dissolve gold? Explain.
18. Write three characteristics of Halogens.
19. What is an Alloy? Write names of two alloys of copper with their composition.
20. Define: (i) Homologous series
    (ii) Cracking (iii) Isomerism
21. What is meant by saponification? Write the names of four kinds of soap.
22. What is plastic? Write two types of plastic.

SECTION 'C' (DETAILED ANSWER QUESTIONS)

Note: Answer any Two questions from this Section.

23.(a) Describe the industrial manufacture of Sulphuric Acid by Contact Process with balanced chemical equation. (Diagram not required)

(b) Write four differences between Covalent Bond and Coordinate Covalent Bond.

(c) Describe the extraction of Sulphur by Frasch process.

24.(a) Describe the manufacture of Sodium Carbonate by Ammonia Solvay process with chemical equations.

(b) Define Isotopes and write names and structures of three isotopes of Hydrogen.

(c) What are elements of group I-A of periodic Table called? Write three general properties of these elements.

25.(a) Explain the process of extraction of Iron from its Hematite ore in the Blast Furnace with chemical equations.

(b) Write four differences between solution and suspension.

(c) Calculate the amount of Silver (Ag) deposited at Cathode, when 10 Ampere of electric current is passed for 1 hour through the solution of $AgNO_3$. (Z of Ag = 0.001118 g/C.

CHEMISTRY **2016**

SOLUTION OF NUMERICALS

25.(c)

Data: Amount of current A =10 Amp.
Time t = 3600 seconds, Z for silver = 0.00111^8 g/c
Weight of silver deposited W = ?

SOLUTION:

W = Z x A x t
W = 0.001118 x 10 x 3600
W = 40.25 grams

CHEMISTRY 2017

Time: 30 Minutes **Max. Marks: 17**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (17)

1. Oxygen was discovered by:
- J. Priestly • J. Black • Cavendish • Scheele

2. 5 moles of water are equal to:
- 80 g • 90 g • 100 g • 180 g

3. A reaction in which a chemical substance breaks down to form two or more simpler substances is called:
- Decomposition reaction • Addition reaction
- Displacement reaction • Combustion reaction

4. It is the lightest particle in the following:
- Electron • Proton • Neutron • Alpha particle

5. Atomic number of Fluorine is:
- 7 • 9 • 11 • 20

6. The sum of the mole fractions of solute and solvent is equal to:
- 5 • 2 • 0 • 1

7. When molten sodium chloride is electrolyzed, it is formed at cathode:
- Sodium • Chlorine • Hydrogen • Oxygen

8. The electrolyte used in lead storage battery is dilute solution of:
- HCL • NaCL • H_2SO_4 • HNO_3

9. Alum is:
- Single salt • Double salt • Triple salt • Normal salt

10. In this reaction heat is taken in:
- Exothermic reaction • Endothermic reaction
- Neutralization • Combustion

11. A human being drinks water daily about:
- 5 litres • 2 litres • 1 litres • 10 litres

12. China clay is used in making of:
- Glass • Electrical Insulator • Crockery • Ceramics

13. The molecular formula of sand is:
- SiO_2 • SiO_3 • Na_2O • $CaSiO_3$

14. The medal given to third position holder in any event is made up of:
- Bronze • Brass • Nichrome • Copper

15. Natural gas mainly consists of:
- Ethane • Methane • propane • Butane

16. General formula for alkane is:
- C_nH_{2n} • C_nH_{2n+2} • C_nH_{2n+1} • C_nH_{2n-2}

17. The constituent of shoe polish provides shinning in the shoes:
- Bee Wax • Pearl ash • Soap • Sodium Hydroxide

CHEMISTRY 2017

Time: 2 ½ Hours Max. Marks: 68

SECTION "B" (SHORT-ANSWER QUESTIONS)(42)

NOTE: Answer 14 questions from this section.

2. Write names of any six branches of Chemistry.
3. Define: (i) Empirical Formula (ii) Avogadro's number (iii) Molar mass
4. Balance the following chemical equation:
   (i) $KClO_3 \xrightarrow{\Delta} KCl + O_2$ (ii) $N_2 + H_2 \rightarrow NH_3$
   (iii) $CH_4 + O_2 \rightarrow CO_2 + H_2O$
5. How many protons and neutrons are present in the following atoms:
   (i) $^{14}_{7}N$ *(ii)* $^{27}_{13}Al$ *(iii)* $^{23}_{11}Na$
6. Define: (i) Dobereiner's law of Triad (ii) Newland's law of Octave (iii) Modern Periodic law
7. Write three characteristic properties of Ionic compounds
8. Define: (i) Fusion (ii) Evaporation (iii) Sublimation
9. State Faraday's First and Second Law of electrolysis.
10. Write three differences between Oxidation & Reduction.
11. Describe the Lewis concept about acids and bases.
12. Define Exothermic and Endothermic reaction. Give one example of each with balanced chemical equations.
13. Compare 3 physical properties of diamond & graphite.
14. Define Electrolysis and write its two uses.
15. What is Ozone? Where does it exist in nature and how it is beneficial for earth?
16. Write the chemical formulae of:
    (i) Copper pyrite (ii) Haematite (iii) Bauxite
17. Define: (i) Homologous series (ii) Functional group (iii) Isomerism
18. What is soap? Write names of four kinds of soap.
19. What is suspension? Write names of four examples of suspension in daily life.
20. A hydrocarbon contains six carbon atoms. Write its molecular formula. If it is:
    (i) An alkane (ii) An alkene (iii) An alkyne
21. Calculate the molarity of a solution that contains 2 moles of NaOH dissolved in 0.5 litre of the solution.
22. Define: (i) Radioactivity (ii) Halogens (iii) Allotropy

SECTION 'C' (DETAILED ANSWER QUESTIONS)

Note: Answer any Two questions from this Section.

23.(a) Describe industrial preparation of Nitric acid by Ostwald's method with balanced chemical equations.

(b) Write two causes of food-spoilage and describe two methods of its preservation.

(c) Write four differences between ordinary water and heavy water.

24.(a) What are Oxides? Describe the types of normal oxides with one examples of each.

(b) Describe the extraction of Iron from its Hematite ore in the Blast Furnace. Also write equation chemical reaction. (Diagram is not required)

(c) Write four uses of Sulphuric acied.

25.(a) Describe the laboratory method for the preparation of Chlorine gas with a balanced chemical equation and draw labeled diagram also.

(b) Write four general properties of transition elements.

(c) Define salts and describe three types of salts with examples.

CHEMISTRY 2017

SOLUTION OF NUMERICALS

5.(i) $^{14}_{7}N$:

Mass No. A = No. of proton Z + No. of neutrons N

A = Z + N

Here A = 14 Protons Z = 7

N = A - Z

N = 14 - 7

Neutron N = 7

(ii) $^{27}_{13}Al$:

Here A = 14 Protons Z = 13

N = A - Z

N = 27 - 13

Neutron N = 14

(iii) $^{23}_{11}Na$:

Here A = 23 Protons Z = 11

N = A - Z

N = 23 - 11

Neutron N = 12

Q.21. Data: Number of moles = 2

Name of Solution = NaOH

Number of litres of Solution = 0.5 ℓ

SOLUTION:

$$Molarity = \frac{Moleso\ of\ solute}{Litres\ of\ Solution}$$

$$Molarity = \frac{2}{0.5}$$

$$Molarity = 4M$$

CHEMISTRY 2018

SOLUTION OF NUMERICALS

Q.7. (i) 8 gram of Sulphur (S)

Formula:

$$\text{No. of atoms} = \frac{N_A \times \text{given Mass}}{\text{Atomic Mass}}$$

$$" = \frac{6.02 \times 10^{23} \times 8}{32}$$

$$" = \frac{6.02 \times 8}{32} \times 10^{23}$$

$$" = 1.505 \times 10^{23}$$

(ii) 8.8 gram of Carbon dioxide CO_2

Formula:

$$\text{No. of molecules} = \frac{N_A \times \text{Mass of substance}}{\text{Formula mass}}$$

Formula mass of $CO_2 = (1 \times 12) + (2 \times 16) = 44$ gm

$$\text{No. of molecules} = \frac{6.02 \times 10^{23} \times 8.8}{44}$$

$$" = \frac{6.02 \times 8.8}{44} \times 10^{23}$$

$$" = 1.204 \times 10^{23} \text{ molecules}$$

Q.14 Data: Amount of Current A = 5 Amp.

Time t = 1 hour

= 1 x 60 x 60 = 3600 sec.

Weight deposited W = ? Z = 0.000329 gm/C

SOLUTION:

W = Z A T

W = 0.000329 x 5 x 3600 sec

W = 5.922 gm

CHEMISTRY 2018

Time: 30 Minutes **Max. Marks: 17**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (17)

1. a Dative bond is always formed between the two:
- like atoms
- unlike atoms
- similar atoms
- lide and unlike atoms

2. Electro Chemical Equivalent is denoted by:
- A
- C
- X
- Z

3. Water accounts for the weight of a human body is about
- 50%
- 60%
- 70%
- 80%

4. The process $n(CH_2 = CH_2) \rightarrow (-CH_2 - CH_2 -)_n$ belong to:
- Analytical Chemistry
- Inorganic Chemistry
- Physical Chemistry
- Polymeric Chemistry

5. It is an example of Endothermic reaction:
- Decomposition Reaction
- respiration
- Neutralization
- Combustion reaction

6. It is still considered, the incomplete period in the Modern Periodic Table:
- First
- Third
- Fifth
- Seventh

7. This one of the following elements has the smallest atomic radius:
- Magnesium
- Calcium
- Strontium
- Radium

8. The class of Plastics that can only be heated once before they set on cooling, are called:
- Thermo Plastics
- Thermosetting Plastics
- Cellulose Acetate
- Cellulose Nitrate

9. It is an ALKYL group:
- C_6H_{12}
- C_6H_{13}
- C_6H_{14}
- C_6H_{15}

10. These are called salt formers:
- Alkali metals
- Halogens
- Noble gases
- Hydrides

11. Oxidation takes place at:
- None of these
- Anode
- Cathode
- Anode and cathode

12. The temperature at which the vapour pressure of a liquid becomes equal to its external atmosphere pressure is called:
- Melting Point
- Boiling Point
- Triple Point
- Freezing Point

13. The chemical formula of "Oil Vitriol" is:

- H_2SO_4 • $CuSO_4$ • $CaSiO_3$ • $H_2S_2O_7$

14. It is the radioactive isotops of Hydrogen:
- $^{1}_{1}H$ • $^{2}_{1}H$ • $^{3}_{1}H$ • $^{4}_{1}H$

15. It is an alloy of Copper and Tin:
- Bronze • Brass • Nichrome • German Silver

16. Which pair of the following molecules has the same number of protons? • O_2 and N_2
- Cl_2 and Br_2 • CH_4 and NH_3 • CO_2 and SO_2

17. A suspension of droplets of one liquid into another in which it is not soluble is called:
- smoke • mud • foam • emulsion

CHEMISTRY 2018

Time: 2 ½ Hours Max. Marks: 68

SECTION "B" (SHORT-ANSWER QUESTIONS)(40)

NOTE: Answer 10 questions from this section.

2. What is Chemistry? Write names of any six branches of Chemistry.
3. state the Law of Multiple Proportion and explain it with the help of two examples.
4. What is a chemical reaction? Describe decomposition reaction and combustion reaction with at example of each type of reaction.
5. What are "double salts"? Write names of any three such salts with their chemical formulae.
6. Write down four salient features of Mendeleev'd periodic table.
7. How many atoms or molecules are there is?
(i) 8g of Sulphur (S) (ii) 8.8g of Carbondioxide (CO_2)
(Atomic masses: S = 32, C = 12, O = 16)
8. Reproduce any two of the following chemical reactions in the form of balanced chemical equations:
(i) Carbon monoxide reacts with Oxygen gas to form Carbon dioxide
(ii) Zinc metal reacts with Hydrochloric acid to give Zinc chloride and Hydrogen gas.
(iii) Potassium Chlorate decomposes on heating into Potassium Chloride and Oxygen gas.
9. Define the following: (iv) Polar Bond.
(i) Isotopes (ii) Electro-negativity (iii) Electron Affinity
10. Define pH and Calculate the pH and pOH of 10^{-5} molar solution of HNO_3.
11. What is meant by Soft water, Hard water & Heavy water? Also give causes of permanent hardness of water.

12. What is allotropy? Describe three allotropic forms of Sulphur.
13. Define the terms: (i) Homologous series (ii) Isomerism (iii) Functional group (iv) Aromatic Compounds.
14. A current of 5 Ampere was passed through an electrolytic solution of Copper Sulphate for an hour. Find the mass of Copper metal deposited at the Cathode. (The Electro Chemical Equivalent of Copper is 0.000329 g/C).
15. Write down any four methods of foods preservation.
16. Give reason:
(i) Which gas among CO_2CH_4 and H_2 will diffuse faster and why?
(ii) Water filled glass bottles often crack in freezer. Why?

SECTION 'C' (DETAILED ANSWER QUESTIONS)

Note: Answer Two questions from this Section.(28)

17.(a) What is metallurgy? How is Aluminium metal extracted from its Bauxite ore? Describe the process giving balanced chemical equations. Also draw a labeled diagram of the electrolytic cell used in the manufacture of Aluminium.
(b) Define neutralization and describe three different concepts about Acids and Bases with appropriate examples of each.
18.(a) What are Oxides? How are they classified? Describe normal oxides in detail.
(b) State the law discovered by Prench Chemist Lavosier an describe Landolt's experiment to verify the law with labeled diagram and relevant chemical equation also.
19.(a) Define solubility and describe in detail the factors that affect solubility.
(b) Describe the industrial manufacture of Sulphuric acid by contact process with balanced chemical equations.
20.(a) Describe Ammonia Solvay process for industrial preparation unhydrous Sodium Carbonate with balanced chemical equations also write down its TWO USES.
(b) What is electroplating? Explain how would you electroplate an Iron spoon with Nickel? Draw a labeled diagram also.

CHEMISTRY 2019

Time: 30 Minutes **Max. Marks: 17**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (17)

1. He was the first scientist who used Opium as an anesthesia:
   - Ibne-Sina • Al-Beruni • **Al-Razi** • Robert Boyle
2. The basic unit of electric current is:
   - Joule • Coulomb • **Ampere** • kilo watt
3. Which one of the following elements has electronic configuration as $K^2L^8M^2$?
   - Calcium • **Magnesium** • Neon • Sodium
4. The mass of one mole of a substance expressed in gram is called: • Empirical Formula
   - Molecular Formula • **Molecular Mass** • Molar Mass
5. This one of the following pair of elements is chemically similar:
   - (K, Cr) • (Cu, Ca) • **(F, Cl)** • (N, O)
6. The process in which molecules escape from the surface of a liquid is called:
   - **Evaporation** • Boiling • Melting • Sublimation
7. The bond in MgO is:
   - **Electrovalent bond** • Covalent bond
   - Coordinate Covalent bond • Chemical bond
8. If 0.6 is the mole fraction of solute in a solution then the mole fraction of solvent would be:
   - 0.1 • 0.2 • 0.3 • **0.4**
9. The color of black shoes polish is due to: • Bees Wax
   - **Animal charcoal** • Bismark brown • Pearl Ash
10. The most abundant element found in earth crust is:
    - **Oxygen** • Silicon • Nitrogen • Hydrogen
11. Coca –Cola contains this acid: • **Carbonic acid**
    - Acetic acid • Boric acid • Formic acid
12. This one of the following process is exothermic:
    - Evaporation • Thermal Decomposition
    - **Respiration** • Melting
13. The maximum density of water at 4°C is:
    - $0.918\ g/cm^3$ • $0.998\ g/cm^3$ • **$1\ g/cm^3$** • $1.2\ g/cm^3$
14. It is the highest Carbon content:
    - Peat • Lignite • Bitumen • **Anthracite**

15. Sulphur burns in air with blue flames to produce:

- H_2S • SO_2 • SO_3 • S_2CL_2

16. It is an alloy of Copper and Tin:

- Bronze • Brass • Nichrome • German Silver

17. The following is the functional group of Alcohol:

- - X • - OH • - COOH • >C = 0

CHEMISTRY 2019

Time: 2 ½ Hours Max. Marks: 68

SECTION "B" (SHORT-ANSWER QUESTIONS)(40)

NOTE: Answer 10 questions from this section.

2. Chemistry and human society "Go Hand in Hand". Write four arguments in support of this statement.
3. State the law of Reciprocal proportion and explain it with the help of an example.
4. Define Radioactivity/ Name the three types of radioactive rays and write one characteristic of each.
5. Write down four comparative points between Covalent bond and Dative bond.
6. What is "Nascent (Newly born) Hydrogen? Describe its reactivity.
7. Find out the mass of 4.5 moles of the following compounds:
   (i) Water (H_2O) (ii) Sodium Carbonate (Na_2CO_3)
   Atomic masses: (N = 23, C = 12, H = 1, O = 16)
8. Define Combustion Reaction. Write down only balanced chemical equations for combustion of the following:
   (i) Methane (ii) Ethene (iii) Ethyne
9. Define "Basicity of Acid" and "Acidity of Base" and identify the following acids as mono basic, di basic and tri basic acid:
   (i) H_2PO_4 (ii) CH_3COOH (3) HNO_3 (iv) H_2SO_4
10. Write down the pH values of the following biological fluids:
    (i) Vinegar (ii) Saliva (iii) Egg-White (iv) Cow-Milk
11. Reproduce the following reactions in the form of balanced chemical equations:
    (i) Ethene reacts with Hydrogen gas to form Ethane.
    (ii) Carbon monoxide react with Oxygen to form Carbon dioxide.
12. Calculate the molality of the aqueous solution containing 18 g Glucose ($C_6H_{12}O_6$) dissolved in 300g of water.

13. What is Ozone? Where does it occur in nature? Write down its two uses also.

14. Write down the chemical formulae of the following compounds: (i) Sodium Nitrate (ii) Caustic Soda (iii) Ammonium Chloride (iv) Table Salt

15. Give reasons of the following:
(i) Why does ionization energy of elements increase from left to right in a period of the periodic table?
(ii) Why does lime water turn milky when Carbon dioxide gas is passed through it?

16. What is diffusion? State Graham's Law of Diffusion of gases and Re-arrange the following gases in order of diffusion rate from faster to slower. O_2, H_2, Cl_2, N_2

SECTION 'C' (DETAILED ANSWER QUESTIONS)

Note: Answer Two questions from this Section.(28)

17.(a) What do you mean by soapnification? Write the composition of detergent and its functions.
(b) What are hydrocarbons? How these are classified? Explain in detail. Also draw structural diagrams.

18.(a) Describe the industrial preparation of Chlorine gas by any one of the following cells with electrodes reaction and labeled diagram.
(i) Nelson's cell (ii) Castner-Kellner's cell.
(b) Write the salient features of Group VIIIA (Inert or Noble gases) and describe the discovery of Noble gases.

19.(a) How sulphur is extracted by "Frisch process"? Describe it and draw its labeled diagram also.
(b) Define the term "matte". Describe the electrolytic refining of blister copper with the help of electrode reaction and labeled diagram of electrolytic cell.

20.(a) Describe the industrial preparation of Nitric acid by Ostwald's method with balanced chemical equations and also draw labeled diagram of this method.
(b) State Faraday's First and Second law of Electrolysis. Calculate the amount of Silver deposited at Cathode when 10 ampere of current is passed for 50 minutes through the solution of Silver Nitrate.

COMPUTER STUDIES 2004

Time : Three hours **Max.Marks: 70**

Note: Attempt Six questions in all— including question No.1 which is compulsory.

1.(a) Fill in the blanks with the correct answers: **(05)**

(i) Thermometer is a kind of ...... computer.

(ii) Ctrl + Alt + Del keys are used together to ..... the computer.

(iii) Any type of processed data is called ......

(iv) ...... is a pointing device.

(v) The program flowchart is also known as ....

(b) Rewrite the following statements after removing the errors. If any: **(05)**

(i) PLET = "COMPUTER" (ii) L ? P $ + PQ

(iii) -10 FOR C = 1 too 5; ? "*"; Next

(iv) 20.2 PRINT RIGHT (8,H$)

(v) GOTO 20, 30, 40

(c) Write the full names of the following abbreviations: **(05)**

(i) CRT (ii) BIT (iii) GWBASIC (iv) VGA (v) IC

(vi) GB (vii) LCD (viii) EDP (ix) CD (x) I/O

(d) Match the items of Column "a" with the items of column "B" **(05)**

	Column "A"	Column 'B'
(i)	Predefined Instructions	Temporary
(ii)	Virus	Graphic diagram
(iii)	Flowchart	Permanent
(iv)	Softcopy	Can infect computer
(v)	Hardcopy	Program.

2.(a) Draw the computer Generation Table. (03)
(b) Draw the block diagram of the computer setup. (03)
(c) Define RAM and ROM. (04)

3.(a) What is an Input Device? (02)
(b) Define a Keyboard and state its divisions. (04)
(c) Write down the difference between each of the following:
(i) Data and information. (ii) Statement and Command. (04)

4.(a) Describe the different types of computer according to their purpose. (05)
(b) Convert the following decimal numbers into their binary equivalents: (05)
(i) 0014 (ii) 111 (iii) 909 (iv) 303 (v) 221

5.(a) Convert the following binary numbers into their decimal equivalents: (05)
(i) 1101 (ii) 110011 (iii) 10111 (iv) 0010 (v) 01010
(b) Write down the following algebraic expressions into BASIC expressions: (05)

(i) $\frac{(a-b)^2}{(a+b)^3}$ (ii) $\sqrt{(x+y)-(2x^2-3xy)}$

(iii) $(R + S/T)^{U-5}$ (iv) $(a-b)^{1/2}$

(v) $a^2 + b^2 + c^2 + 2ab + 2bc + 2ac^2$

6.(a) Discuss all the basic programming steps briefly. (05)
(b) Write down the purpose and syntax of any Five of the following: (05)
(i) LOCATE (ii) ON-GOTO (iii) DIR/W (iv) READ-DATA (v) LEN ( ) (vi) FOR-NEXT (vii) RENUM (viii) EXIT.

7.(a) Define a program flowchart in detail. (05)
(b) Draw the logical flowchart and write the value at each step of the following program: (05)

```
20   CLS
30   N$   =   "EXAMINATION"
40   O$   =   MID $ (N$, 6, 1)
50   P$   =   MID $ (N$, 1, 1)
60   Q$   =   MID $ (N$, 2, 1)
70   R$   =   MID $ (N$, 8, 1)
80   S$   =   O$ + P$ + Q$ + R$ + N$
90   PRINT    S$
100  END
```

8.(a) What is a Printer? Discuss in detail. (05)
(b) Define the External and Internal commands of DOS. (05)

9. Write short notes on any Five of the following: (10)
(i) Errors (ii) Operator (iii) Microcomputer (iv) I/O Device
(v) Types of Loop (vi) Software and Hardware.

COMPUTER STUDIES 2005

Time: 3 hours **(ScienceGroup)** **Max.Marks. 70**

Note: Attempt Six Questions in all- including question No.1. which is compulsory.

1.(a) Fill in the blanks with the correct answers:

(i) A/An ___ is considered as the first recognized manual device.

(ii) Vacuum tubes were used in the ____ generation of computers

(iii) A line number in Basic which consists of more than one statements is called _____

(iv) ____ means manipulation of data into more useful forms.

(v) The base of hexadecimal number system is _____

(vi) Table is a/an ____ array.

(vii) Semi conductor devices were used in the ____ generation of computers. (viii) _____ is the collection of facts and figures.

(ix) Graphical representation of a program using standard symbols is called ____ (x) VDU is also known as _____

1.(b) Write DOS commands for the following:

(i) To make the disk in useable form.

(ii) To copy all the contents of one disk to another.

(iii) To remove the required directory by name from the disk.

(iv) To copy all files with extension BAS from disk drive A to disk drive B. (v) To give a new name XYZ.BAS to a file ABC.BAS.

1.(c) Rewrite the following Basic statements after removing errors, if any: (05)

(i) 10 LET A, B = 10, 15
(ii) 60.5 PRINT MID (A$,2); 6
(iii) DIM B (4$8)
(iv) -100 PRINT (20); TAB "KARACHI"
(v) 40 REED "K", 10; DATA N$,A

2.(a) Define a computer. (02)
(b) What is meant by backup? Why is it needed? (02)
(c) Draw a neat & labeled diagram of 5.25" floppy disk & explain
(i) Write protect notch (ii) Axle hole
(iii) Access Slot (iv) Jacket (06)

3.(a) What is meant by a computer language? (02)
(b) Describe different levels of a computer language. (06)
(c) Describe an example of each level. (02)

4.(a) Define Variable. (02)
(b) Describe the types of the variable. (04)
(c) What are the rules for writing a variable name? (04)

5.(a) Write down the syntax and purpose of the following statements and commands: (05)
(i) INPUT (ii) RED ___ DATA (iii) KILL (iv) GOTO (v) NEW
(b) Convert the following decimal numbers into their binary equivalents? (05)
(i) 85 (ii) 256 (iii) 511 (iv) 380 (v) 1019

6. Write down two differences between any Five of the following parts: (10)
(i) Direct and Indirect Modes of Basic
(ii) Sequential Access and Random Access
(iii) Command and Statement
(iv) Interpreter and Compiler
(v) Function and Sub-routine
(vi) Digital Computer and Analog Computer.

7.(a) Convert the following binary numbers into decimal number system. (05)
(i) 101011_2 (ii) 0110010_2 (iii) 10000111_2
(iv) 111000_2 (v) 10000001_2

(b) Convert the following algebraic expressions into Basic expressions: (05)

(i) $\dfrac{(a^2)^3 + (b^2)^4}{(a^2)^3 + (b^2)^4}$ (ii) $\dfrac{c}{a+b} + \dfrac{3d}{4e}$

(iii) pq / p + 2q (iv) $\{(a-b-c)^2 - {}^1/_3\, d\}^{½}$

(v) $(a-b)\,(a+b)\,(a^2 - b^2)$

8. Write a program in Basic and draw its flowchart to compute and print the grade for an examination. (10)
Input : Roll No., marks of five subjects out of 100.

Output: Roll No., 5 subjects with marks, grand total, percentage and grade.
Grade is allotted on the following basis:

Percentage	**Grad**
80 and above	'A-1'
70 and less than 80	'A'
60 and less than 70	'B'
50 and less than 60	'C'
40 and less than 50	'D'
33 and less than 40	"E'
below 33	'F'

9. Write short notes on any Five of the following: **(10)**

(i) History of Basic (ii) Main Memory
(iii) Reserved or Key Word (iv) Operating System
(v) Application of Computer in Education
(vi) Loop and its Types
(vii) Purpose of Line Numbers in Basic.

COMPUTER STUDIES 2006

Time: 3 Hours **Max. Marks 70**

Note: Attempt Six questions in all including question no.1 which is compulsory.

1.(a) Fill in the blanks with the correct answers: (05)
(i) A program written in high level language is called ___.
(ii) The major invention of the first generation of computers was ___. (iii) All physical equipments of computer system are termed as ____. (iv) ____ is a storage device that stores data serially. (v) ____ Port is also known as Male Connector.

1.(b) Choose the following statements as True or False: (05)
(i) Registers are non-volatile memory. (ii) RPM stands for Rotation Per Minute. (iii) RAM is an external storage.
(iv) The processed form of data is known as string.
(v) As operating system is a set of programs.

1.(c) Choose the correct answer for each from the following: (05)
(i) The data which can be a picture, a drawing, a map is
(a) Alphabetic (b) Alphanumberic (c) Graphic (d) String
(ii) The base of hexadecimal number system is:
(a) 10 (b) 8 (c) 16 (d) 2
(iii) The complement of 100110 is:
(a) 110011 (b) 011001 (c) 011100 (d) 100010
(iv) The image or colour set in the background of the desktop is
(a) Screen saver (b) Picture (c) Monogram (d) Wallpaper.
(v) The bar displayed at the bottom of the desktop is known as:
(a) Title bar (b) Task bar (c) Menu bar (d) Tool bar.

1.(d) Solve the following binary numbers: (05)

(i)	1111101_2	+	100110_2	=	$(\quad)_2$
(ii)	1101111_2	-	101101_2	=	$(\quad)_2$
(iii)	1101011_2	-	100001_2	=	$(\quad)_2$
(iv)	1000011_2	+	11110111_2	=	$(\quad)_2$
(v)	111011_2	x	1112_2	=	$(\quad)_2$

2.(a) Define CPU. How many parts of a CPU are there? Describe any Two of them with the help of a labeled diagram. (06)
2.(b) Describe Low level and High level languages. (04)
3.(a) Define Key board and state its divisions. (05)
3.(b) Define Printer and write its types. (05)
4.(a) Define the term Computer. (02)
4.(b) Define ports and give its types. (03)
4.(c) Define the term Bus in general What are the purposes of Data Bus, Address Bus and Control Bus? (05)

5. Convert the following numbers to their equivalent numbers in the given bases: (10)
(i) $(1111101)_2 = (\quad)_{10}$
(ii) $(467)_{10} = (\quad)_2$
(iii) $(1046)_{10} = (\quad)_2$

(iv)	$(673)_8$	= (	$)_{10}$
(v)	$(987)_{10}$	= (	$)_8$
(vi)	$(733)_{10}$	= (	$)_8$
(vii)	$(ABC)_{16}$	= (	$)_{10}$
(viii)	$(4CA)_{16}$	= (	$)_{10}$
(ix)	$(999)_{10}$	= (	$)_{16}$
(x)	$(634)_{10}$	= (	$)_{16}$

6.(a) What is Boolean Algebra? (02)

6.(b) Write down the difference between Analog and Digital Computers? (05)

6.(c) Construct the following Truth Table of De Morgan's theorem and check it: $\overline{XY} = \overline{X} + \overline{Y}$ (03)

7.(a) Write the full names of the following words: (05)
(a) LBA (ii) SRAM (iii) GUI (iv) DIMM (v) LCD
(e) DRAM (vii) ASCII (viii) BCD (ix) CPU (x) LSI

7.(b) What is number system? Describe the different types of number systems used in the computer system. (05)

8.(a) Describe the properties of the windows operating system(03)

8.(b) What is software? Describe different types of software.(05)

8.(c) What is the difference between Internal Command and External Command of DOS? (02)

9. Write short notes on any Five of the following: (10)
(i) Motherboard (ii) Control Panel (iii) CD Rom (iv) Monitor (v) Scanner (vi) Windows Explorer (vii) Plotter.

COMPUTER STUDIES 2007

Time: 3 Hours **Max. Marks: 70**

NOTE: Attempt Six questions in all. Questions No. 1 is Compulsory. Select Two questions from Section 'A' and Two questions from Section 'B'.

1.(a) Fill in the blanks with the correct answer: **(05)**

(i) ------ is called the founder of the modern computer.

(ii) Set of instructions is called ----------.

(iii) Registers are ---------- memory.

(iv) Data is fed to the computer through --------- devices.

(v) 1 KB = ------ Bytes.

(b) Write Right or Wong from the following statements:- **(05)**

(i) CPU is the abbreviation of Computer Programming Unit.

(ii) Bit is the abbreviation of binary digit.

(iii) The changed form of any source program in machine language code is called object program.

(iv) Computer is an electronic machine which when start continues to work without any interruption.

(v) Floppy disk works faster than hard disk.

(c) Choose the correct answer for each from the options given within brackets:- **(05)**

(i) The base of octal number system is -------. (2, 8, 10, 16)

(ii) Laser printer and Inkjet printer are examples of -------. (Line printer, Impact printer, Non-Impact printer)

(iii) The data which consists of whole number is known as -------. (real, integer, fixed point, string)

(iv) Thermometer is kind of ------- Computer.

(Analog, Digital, Hybrid, Scientific)

(v) ——— is a pointing devices. (Joy stick, track ball, scanner)

(d) Match the items of Columns 'A' with their definitions in Column 'B'. (05)

	Column 'A'		Column 'B'
(i)	DIR	(A)	Storage devices that stores data serially
(ii)	COBOL	(B)	Input devices
(iii)	SCANNER	(C)	High Level Language
(iv)	RAM	(D)	Internal DOS Command
(v)	MAGNETIC TAPE	(E)	Volatile memory

2.(a) Write the characteristics of 3rd generations of computer briefly. (03)

(b) Differentiate between Hardware and Software. (04)

(c) What are the purpose of Data Bus, Address Bus, and Control Bus. (03)

3.(a) Define programming language and state its types. (05)

(b) What is the difference between a Complier and interpreter?

(c) Differentiate between the Serial Port and Parallel Port.(03+2)

4.(a) Define an Input Device and describe Mouse and Light pen(5)

(b) Describe Impact and Non-Impact printers. Give examples (5)

5.(a) Convert the given binary numbers to their decimal equivalents:- (i) 1101 (ii) 10110 (iii) 110101 (iv) 100011 (4)

(b) Convert the given decimal numbers to their binary equivalents:- (i) 79 (ii) 167 (iii) 256 (iv) 1023 (04)

(c) Convert the decimal numbers 876 into Octal and Hexadecimal systems. (02)

6.(a) Define Data, and briefly state its kinds. (05)

(b) What is Boolean Algebra? (02)

(c) Construct the following Truth Table of De Morgan's theorem and check it:- $\overline{XY} = \overline{X} + \overline{Y}$ (03)

7.(a) Define a Backing storage Device and describe any two of them. (05)

(b) Define a dual purpose device. Describe Disk Drive and CD Writer. (05)

8.(a) Define CPU. How many parts of a CPU are there? Describe any two of them with the help of a labeled diagram. (05)

(b) What is the difference between Dos and Windows operating system. (05)

9. Write short notes on any Five of the following:- (10)

(i)	Number System	(ii)	Windows Explorer
(iii)	Icon	(iv)	Keyboard
(v)	Variable	(vi)	Hybrid Computer
(vii)	SIMM	(viii)	Control Panel

COMPUTER STUDIES 2008

Time :3 hours **Max. Marks: 70**

Note:- Attempt Six questions in all including questions No 1 which is compulsory.

1.(a) Fill in the blanks with the correct answer: **(05)**

(i) --------- generation is called the generation of artificial intelligence.

(ii) ---------- is the base if octal number system.

(iii) LCD stands for --------.

(iv) A 3-variable karnaugh map has ---------- cells.

(v) ---------- translates the whole program in a machine language at a time & stores the translated program on disk.

(b) Write True or False for the following statements: **(05)**

(i) An operating system is a set of programs.

(ii) A LASER printer is slow in operation.

(iii) The first generation of computers used transistors.

(iv) Data stored in ROM can be changed.

(v) Date is an internal command.

(c) Match items of column "A" with their definitions in column "B"

Column "A"	Column "B"
8 bits	A set well-defined instructions
Hard copy	Compact disk
Program	Difference engine
Charles Babbage	Output on paper
CD	Byte

(d) Write the full names of the following words: **(05)**

(i) ASCII (ii) BPI (iii) COBOL (iv) LAN (v) 4GL

2.(a) Define ports and give its types. **(05)**

(b) Differentiate between an Analog computer and a Digital computer. **(03)**

(c) What is the purpose of main memory? **(02)**

3.(a) Define a Bus. What are the purpose of Address bus, Control bus and Data bus? **(05)**

(b) What is a Number System? Explain the different types of number system. **(05)**

4.(a) Draw the following truth table and prove it: $A+\overline{A}.B=A+B$

(b) Define CPU. What are the main units of a CPU? Explain each unit with the help of a block diagram. **(03+05)**

(c) What is Software? **(02)**

5.(a) Convert the following binary numbers into their decimal equivalents: (i) 1100110 (ii) 101010 **(02)**

(b) Convert the following decimal numbers into their binary equivalents: (i) 628 (ii) 515 **(02)**

(c) Solve the following binary numbers: **(06)**

(i) 101111 + 110011 (ii) 111001 - 10111

(iii) 1110 x 10 (iv) 1000 ÷ 11

(v) 11110101 (1's complement)

(vi) 10101100 (2's complement)

6.(a) What is a computer virus? How is a virus removed from disk? (05)

(b) Describe the properties of Windows Operating System. (05)

7.(a) Define an Input Devices. (02)

(b) Define a keyboard and state its divisions. (05)

(c) Differentiate between Mouse and Track ball. (03)

8.(a) What are the language translators? Explain each of them. (5)

(b) Express the Boolean expression in K-Map. (02)

$$\overline{ABC}+A\bar{B}C+AB\bar{C}+\bar{A}BC$$

(c) Differentiate between Data and Information? (03)

9. Write short notes on any Five of the following: (10)

(i) Plotter (ii) RAM (iii) Mainframe computer

(iv) Task bar (v) Folder (vi) Internet (vii) Monitor

COMPUTER STUDIES 2009

Time: 30 minutes **(IX Sci.)** **Max. Marks: 15**

SECTION "A" (COMPULSORY)
(MULTIPLE CHOICE QUESTIONS)

Instruction: This paper of compulsory Computer Studies Paper-I (Class ix –New Course) consists of two separate question papers. Paper I (Section "A") consists of only M.C.Q's. This paper of 30 minutes duration will be given to you first of all and collected back as soon the time is over. Then you will be given the next paper of 2 ½ Hours consisting of short-Answer Questions (Section "B") and detailed-Answer Questions (Section "C").

NOTE: (i) Attempt all the questions from this Section.
(ii) Do not copy down the part questions in your answerbook. Write only the answer in full against the proper number of the question and its part.
(iii) Each question carries one mark.
(iv) The Code of your question paper must be mentioned in bold letters in the answer script.

1. Choose the correct answer for each from the given options:

1. A program written in high level language is called --------.
(A) Hard program (B) Source program
(C) Correct program (D) System program

2. ----------- is a set of electronic instructions used to instruct the computer to do what is required.
(A) High level program (B) Programming
(C) Program (D) Low level program

3. The major invention of the 1st generation of computer was -----------.
(A) Mark-1 (B) Osborn-1

(C) UNIVAC (D) None of the above

4. Slide rule was invented by -------.

(A) Charles Babbage (B) William Robinson

(C) William Oughtred (D) None of the above

5 ----------- generation is called generation of artificial intelligence.

(A) Third (B) First (C) Second (D) Fifth

6. ----------- is the place that is used to connect various external devices to the computer.

(A) USB (B) Serial (C) Parallel (D) Port

7. ----------- port is also known as male connector.

(A) Serial (B) Parallel

(C) Equal (D) None of the above

8. ----------- is the characteristic of a monitor that affects the sharpness of an image.

(A) Net pitch (B) Path pitch

(C) Dot Pitch (D) None of the above

9. The data which consist of alphabet as well as numbers is known as ----------.

(A) Numeric (B) Alphanumeric

(C) Alphabet (D) None of the above

10. The number in the exponential form is called --------.

(A) Floating point (B) Fixed point

(C) Mid point (D) None of the above

11. The ---------- is meaningful, useful and the processed form of data

(A) Alphanumeric (B) Numeric

(C) Alphabet (D) None of the above

12. The method of 2's complement arithmetic is commonly used in computer to handle ---------.

(A) Positive number (B) Negative number

(C) Equal number (D) Binary number

13. In ------ code each decimal digit is represented by a binary code of four bits.

(A) DCB (B) LCD (C) BCD (D) None of the above

14. Computer can recognize a total of ----------- different characters.

(A) 275 (B) 255 (C) 235 (D) 256

15. ----------- is a set of programs that controls and supervises the operations of the computer.

(A) Disk Operating System (B) Operating System

(C) Programming System (D) None of the above

COMPUTER STUDIES 2009

Time: 2 ½ Hours Max. Marks: 60

Instruction: This paper consisting of Short-Answer Questions (Section "B") and Detailed-Answer Questions (Section "C") will be given after 30 minutes and its total duration will be 2 ½ hours only.

SECTION "B" (SHORT-ANSWER QUESTIONS)

NOTE: Attempt any Nine questions from this Section. All questions carry equal marks. (36)

2.(i) Define the terms Hardware and Software.

(ii) Define a programming language and state its type.

(iii) State the types of computer according to data handling.

(iv) Define an Input device & describe mouse OR Light pen

(v) Define a Port and describe its types.

(vi) Describe the ages of computers.

(vii) Define a Monitor and state its types.

(viii) Solve the following:

(a) $110011_2 = (\ ?)_{10}$ (b) $8236_{10} = (\ ?)_8$

(c) $352_8 = (\ ?)_2$ (d) $2900_{10} = (\ ?)_{16}$

(ix) Solve the following:

(a) $110011_2 + 1011011_2$ (b) $101101_2 - 111001_2$

(c) $1001_2 \times 111_2$ (d) 2's complement of 10010111_2

(x) Define data and briefly state its kinds.

(xi) Prove the following equation and draw the truth table:
$(A+B)(A+B) = A + BC$.

(xii) Define an Impact Printer and a Non-Impact Printer. Give example.

(xiii) Use a Karnaugh map to simplify each of the given expressions:

(a) $\overline{ABC} + \overline{A}BC + A\overline{B}C + AB\overline{C}$ (b) $\overline{AB} + \overline{A}B + A\overline{B}$

SECTION 'C' (DETAILED-ANSWER QUESTIONS)

NOTE: Attempt any TWO questions from this Section. All questions carry equal marks. (24)

3.(a) Draw the generation Table and describe the generations of computer.

(b) Draw a block diagram of CPU and define the following terms with their major functions.

(i) Arithmetic Unit and Logic Unit (ii) Control Unit

4.(a) What are the laws of Boolean Algebra? State their various types.

(b) What is meant by Windows? Describe the properties of Windows operating system.

5.(a) Define De Morgan's Theorem and prove the following

(i) $\overline{XY} = \overline{X+Y}$ (ii) $\overline{X}+\overline{Y} = \overline{XY}$

(b) Describe a minicomputer, a microcomputer and a mainframe computer.

people had crossed the borders of the new states. The sight of these homeless people moved Jinnah to tears. The angry crowds murdered the people, stole the property and burned homes. About half's million Muslims were killed or kidnapped. All this killing and destruction shocked Jinnah who begged for peace and friendship but to no avail.

(i) What happened when the country was divided?

(ii) How did the homeless people affect Mr. Jinnah?

(iii) What did the angry crowds do?

(iv) How many Muslims were killed or carried away?

(v) What did Mr. Jinnah desire?

(vi) What are the three forms of the verbs 'steal' and 'lead'?

OR Write a short note on any One of the following:

(i) Nursing (ii) Moenjodaro (iii) Shah Abdul Latif

COMPUTER STUDIES 2010

Time: 30 minutes | Max. Marks: 15

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

(1) A port which transmits only 1 bit of information at time is called: (A) Serial Port (B) Parallel Port (C) Both Ports (D) None of these

(2) The Physical components of a computer system are termed as: (A) Hardware (B) Software (C) Liveware (D) Firmware

(3) Pre-programmed memory is:
(A) SRAM (B) DRAM
(C) DIMM (D) None of them

(4) Plotters can be generally divided into:
(A) two types (B) three types
(C) four types (D) five types

(5) Bus is a set of:
(A) connectors (B) wires (C) ports (D) RAM

(6) Slide Rule was invented by:
(A) Blaise Pascal (B) William Oughtred
(C) Leibniz (D) Charles Babbage

(7) LCD stands for:
(A) Light Code Digit (B) Liquid Crystal Display
(C) List Code Digit (D) Light Colour Display

(8) Non-volatile memory is:
(A) ROM (B) Cache Memory
(C) RAM (D) All of them

(9) An eight bit sequence is called a:
(A) Word (B) Cell (C) Nibble (D) Byte

(10) The data which consist of whole numbers is known as:
(A) fixed point (B) floating point
(C) real (D) integer

(11) A 2-variable K-Map has:
(A) two cells (B) four cells
(C) six cells (D) eight cells

(12) The Boolean expression ABC is a:

(A)	Sum term	(B)	Literal term
(C)	product term	(D)	always 1

(13) The command that deletes directories & their content is

(A)	DEL**	(B)	RDALL
(C)	RMDIR	(D)	DELTREE

(14) The bar, displayed at the top of a window, is known as:

(A)	Tool bar	(B)	Menu bar
(C)	Title bar	(D)	Task bar

(15) The device that enables a computer to make a dialup networking is:

(A)	Mouse	(B)	Microphone
(C)	Modem	(D)	Monitor

COMPUTER STUDIES 2010

Time: 2 ½ Hours | Max. Marks: 60

SECTION "B" (SHORT-ANSWER QUESTIONS)(36)

NOTE: Attempt 9 questions from this Section.

2.(i) What are the characteristics of the 4^{th} generation of computers?

(ii) What is the difference between SRAM & RAM?

(iii) What are the advantages of Internet?

(iv) Define a Microcomputer and a Minicomputer.

(v) Describe general and special purposes of software.

(vi) Why do we need to translate a source code into the machine code?

(vii) Solve the following numbers:

(a) $(754)_8 = (?)_{10}$

(b) $(487)_{10} = (?)_8$

(c) $(1010001)_2 = (?)_{10}$

(d) $(201)_{10} = (?)_2$

(viii) Solve the following binary numbers:

(a) $(101101)_2 + (1101011)_2$

(b) $(110101)_2 - (101011)_2$

(c) $(1011)_2 \times (101)_2$

(d) $(1001)_2 \div (11)_2$

(ix) Prove the following equation & also draw the truth table:

$$(X + Y)(X + Z) = X + YZ$$

(x) Draw Karnaugh Map for the following expression:

(a) $\overline{AB}C + \overline{A}B\overline{C} + A\overline{BC} + ABC + \overline{ABC}$ (b) $\overline{A}B + AB + A\overline{B}$

(xi) Define an Operating System.

(xii) Describe the properties of Windows Operating System.

(xiii) Shat do you know about Windows Explorer?

SECTION "C" (DETAILED-ANSWER QUESTIONS)

NOTE: Attempt any Two questions from this Section. All questions carry equal marks. **(24)**

3.(a) Define CPU with a diagram & describe all its major parts

(b) Describe a Keyboard and give its divisions.

4.(a) What is meant by Data? Define different types of data.

(b) Write notes on Floppy disk, Hard disk & Magnetic tape.

5.(a) Define the following terms of Boolean Algebra:

(i) Constant (ii) Variable (iii) Logical operator

(iv) Complement (v) Truth table

(vi) Boolean expression

(b) What is a Monitor? Define various types of monitor in detail.

COMPUTER STUDIES 2011

Time: 30 minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

(i) Title, The Father of Computer is given to:
(a) Charles Babbage (b) William Oughtred
(c) Hermain Holerith (d) Blaise Pascal

(ii) The bar displayed at the bottom of the desktop is known as: (a) Title bar (b) Task bar (c) Tool bar (d) Menu bar

(iii) The Screen output which is intangible and temporary refers to:
(a) Softcopy (b) Hardcopy
(c) Source Code (d) Object Code

(iv) Hard disk is a ---------- storage device.
(a) Volatile (b) Permanent (c) Primary (d) None of them

(v) The speed of CD ROM is measured in X and 1 X is equal to ----------- KBs per second.
(a) 150 (b) 128 (c) 1024 (d) 100

(vi) The number which has no decimal point is:
(a) Integer (b) Character (c) Fixed point (d) String

(vii) When two or more sum terms are multiplied, the resulting expression is a:
(a) POS (b) SOP (c) POP (d) None of them

(viii) The commutative law of multiplication is written as:
(a) A + B = B + A (b) AB = BA
(c) A (B + C) = AB + AC (d) A + (B + C) = (A + B) + C

(ix) The program directly related to the computer hardware, controlling and utilizing them are known as:
(a) System Software (b) Operating System
(c) Application Software (d) Special purpose Software

(x) An operating system is a:
(a) Set of users (b) Supervisor program
(c) Application software (d) Set of programs

(xi) The command that creates a new director is:
(a) MAKEDIR (b) MDIR (c) MKD (d) MKDIR

(xii) A small colourful graphical picture representing a file, folder or program is called:

(a) Folder (b) Image (c) Icon (d) Button

(xiii) The program stored in ROM is also called:

(a) Software (b) Live ware

(c) Firmware (d) Hardware

(xiv) The Boolean expression ABC is a:

(a) Sum Term (b) Product Term

(c) Literal Term (d) Always 1

(xv) LCD stands for:

(a) Light Code Digit (b) Liquid Crystal Display

(c) Light Colour Display (d) None of them

COMPUTER STUDIES 2011

Time: 2 ½ Hours Max. Marks: 60

SECTION B (SHORT-ANSWER QUESTIONS)(36)

NOTE: Attempt 9 questions from this Section.

2. Define computer.
3. Differentiate between Analogue and Digital Computer .
4. Define Keyboard and write down the names of its parts.
5. Describe functions of Primary Memory.
6. Define Ports and describe its types.
7. Why do you need Language Translator?
8. Define Virus and write different names of Viruses.
9. Convert the following:
   (a) $(8010)_{10} = (\text{---------})_2$ (d) $(5671)_8 = (\text{---------})_{10}$
   (b) $(111001)_2$ = 2s Complement
   (c) $(11110101)_2 = (\text{---------})_{10}$
10. Prove the following rule of Boolean Algebra with the help of truth table. $(A + B)(A + C) = A + BC$
11. Solve the following Binary numbers:
    (a) 111011 + 101011 (b) 110110 + 1110000
    (c) 11011 – 10011 (d) 110111 x 11
12. What is the difference between Hardware and Software?
13. What are wildcard characters? Write the uses of them.
14. Write short notes on any two of the following:
    (a) Icon (b) Taskbar (c) My Computer
    (d) My Documents (e) Windows Explorers

SECTION C (DETAILED-ANSWER QUESTIONS)(24)

NOTE: Attempt 2 questions from this Section.

15.(a) Draw Generation Table of Computer.

(b) Draw block diagram of CPU and describe its different components.

16.(a) What is a Number system? Describe different types of number systems.

(b) Define the term BUS. Write its types in detail.

17.(a) What is the difference between DOS and Window Operating System?

(b) What is a Printer. Describe Impact & Non-Impact Printer.

COMPUTER STUDIES 2012

Time: 30 minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

(i) This Command is used to execute a program:
(a) LOAD (b) LIST (c) RUN (d) SAVE
(ii) The device mostly used for computer or video games:
(a) Mouse (b) Light pen (c) Trackball (d) Joystick
(iii) The difference engine was designed by:
(a) Pascal (b) Dr.Harmon Hollerith
(c) Charles Babbage (d) John Napier
(iv) The category of computer application software is:
(a) MS-WORD (b) Windows (c) DOS (d) Non of these
(v) Impact Printer is an example of:
(a) Drum Printer (b) Dot-matrix Printer
(c) Daisy wheel Printer (d) None of these
(vi) The process of creating sectors & tracks on disk is knwn as:
(a) Booting (b) Tracking (c) Formating (d) Listing
(vii) In computer term 16 KB means:
(a) 16000 (b) 16384 (c) 1000 (d) 256
(viii) ROM has special programs called:
(a) Firmware (b) Live ware (c) Hardware (d) Software
(ix) The other name of fixed disk is:
(a) Hard Disk (b) Optical Disk
(c) Floppy Disk (d) All of these
(x) High level languages are similar to:
(a) Machine language (b) Assembly language
(c) English language (d) None of these
(xi) Transistors were used in this generation of Computer:
(a) First (b) Second (c) Third (d) Fourth
(xii) Command is used to show the contents of text file:
(a) RUN (b) TREE (c) TYPE (d) PATH
(xiii) A language translator which translates one instruction at a time is called:
(a) Compiler (b) Interpreter (c) Assembler (d) All of these
(xiv) The first electro mechanical computer was:
(a) ENIAC (b) MARK-1 (c) UNIVAC (d) EDVAC
(xv) Set of wires which is used as the communication path:
(a) BUS (b) Port (c) Input device (d) Memory

COMPUTER STUDIES 2012

Time: 2 ½ Hours **Max. Marks: 60**

SECTION "B" (SHORT-ANSWER QUESTIONS)

NOTE: Attempt any Nine questions from this Section. All questions carry equal marks. (36)

2. Define ROM and name its types.
3. Define dual purpose device with examples.
4. What is Antivirus? Name any three antiviruses.
5. Differentiate between Hard copy and Soft copy.
6. How can you change the wallpaper of the desktop?
7. Draw the 'K' Map for the following expression:

   (i) $AB+\overline{A}B+\overline{A}\,\overline{B}+A\overline{B}$

   (ii) $ABC+\overline{AB}C+AB\overline{C}+\overline{ABC}$

8. Write notes on the following:

   (i) Recycle Bin (ii) My Documents

9. What do you know about ABACUS and where is used nowadays?
10. Write full names of the following:

    (i) ASCII (ii) BASIC (iii) C.R.T (iv) L.C.D

11. What is Computer? Write down the capabilities of Computer.
12. Solve the following:

    (i) $(ABC5)_{16} = (\text{---------})_{10}$

    (ii) $(11101)_2 = (\text{---------})_{10}$

    (iii) $(357)_8 = (\text{---------})_2$

    (iv) $(555)_{10} = (\text{---------})_2$

13. Solve the following:

    (i) $100110_2 \div 10_2$ (ii) $1110_2 \times 111_2$

    (iii) $100001_2 - 11111_2$

    (iv) 2's Complement of 01101110_2

14. Define Printer and write its kinds.

SECTION "C" (DETAILED-ANSWER QUESTION)

NOTE: Attempt any Two questions from this Section. All questions carry equal marks. (24)

15.(a) Define a Language Translator and write its types. (06)

(b) Draw the generation table and give the details of the 2nd Generation of Computer. (06)

16.(a) What are the laws of Boolean Algebra? Explain its operators with the Truth table. (06)

(b) What is an input Device? Write down the characteristics

of it.

17.(a) Differentiate: (06)

(i) DOS and Windows Operating System

(ii) Internal and External Commands of DOS

(b) Convert the following expression into S.O.P form: (06)

(i) (A + B) (B + C + D) (ii) A (B + CD)

COMPUTER STUDIES 2013

Time: 30 minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

(i) The other name of Fixed Disk is:
(a) Hard Disk (b) Optical Disk
(c) Floppy Disk (d) All the above

(ii). The number which has no decimal point is called:
(a) Integer (b) Character (c) Fixed Point (d) String

(iii). The bar display at the bottom of desktop is known as:
(a) Title bar (b) Task bar (c) Tool bar (d) Menu bar

(iv) Pre-programmed memory is:
(a) SRAM (b) DRAM (c) DIMM (d) None of these

(v) Plotters can be generally divided into:
(a) Two types (b) Three types
(c) Four types (d) Five types

(vi) Impact printers is an example of:
(a) Drum Printer (b) Dot-matrix printer
(c) Daisy wheel printer (d) None of these

(vii) High Level Language is similar to:
(a) Machine language (b) Assembly language
(c) English language (d) None of these

(viii) ROM has special program called:
(a) Firmware (b) Live ware (c) Hardware (d) Software

(ix) The screen output which is intangible and temporary refers to:
(a) Softcopy (b) Hardcopy (c) Source code (d) Object code

(x) The physical components of a computer system are termed as:
(a) Hardware (b) Software (c) Live ware (d) Firmware

(xi) BUS is a set of:
(a) Connectors (b) Wires (c) Ports (d) RAM

(xii) The device that enables a computer to make a dial-up networking is:
(a) Mouse (b) Microphone (c) Modern (d) Monitor

(xiii) The major invention of the 1st generation of computer was:
(a) Mark-1 (b) Osborn (c) UNIVAC (d) None of these

(xiv) The Boolean expression ABC is an:
(a) Sun term (b) Literal term (c) Product term (d) Always 1

(xv) The command that deletes directories & their content is

(a) DEL*.* (b) TREE (c) DELTREE (d) RMDIR

COMPUTER STUDIES 2013

Time: 2 ½ Hours **Max. Marks: 60**

SECTION "B" (SHORT-ANSWER QUESTIONS)

NOTE: Attempt any Nine questions from this Section. All questions carry equal marks. (36)

2. Explain the functions of Windows Explorer.
3. Define data. What is Data Processing Cycle? Explain Information.
4. What is an Output device? Write down the capabilities of Monitor.
5. What are the functions of Numeric Key pad in keyboard? Explain.
6. Convert the following:
   (i) $(1010)_2 = (?)_8$ (ii) $(E34)_{16} = (?)_{10}$
   (iii) (777)8 = (?)16 (iv) $(333)_{10} = (?)_2$
7. Convert the following:
   (i) (1001101) – (110110) (ii) (1010011) x (1001)
   (iii) (110011) / (100) (iv) (101011) + (100111)
8. Why the source code is needed to be translated into machine code?
9. What is the impact of computer on the society?
10. Write down briefly the functions of C.P.U.
11. How many logical operators are in Boolean algebra?
12. Prove the following equation with the help of Truth Table
    (A + A.B=A)
13. Which device is used as an Input as well as an Output?
14. Define Register. How many Registers are there in C.P.U?

SECTION "C" (DETAILED-ANSWER QUESTION)

NOTE: Attempt any Two questions from this Section. All questions carry equal marks. (24)

15.(a) Write down the classification of computer according to the Data Handle?
   (b) Define properties of Windows Operating System.

16.(a) What do you mean by programming language? How many types of languages are there?
   (b) What is an Operating System? Write down the characteristics of DOS?

17.(a) Define Software. Discuss different types of software.
   (b) What is a Plotter? Write down the different kinds of plotters and their functions.

COMPUTER STUDIES 2014

Time: 30 minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

(1) The term computer is derived from:
(a) compute (b) count (c) calculator (d) none of these

(2) Which is more reliable among these?
(a) serial (b) parallel (c) buses (d) all of these

(3) 4 bites =:
(a) 1 byte (b) half byte (c) nibble (d) none of these

(4) Organization of computer depends on:
(a) hardware (b) software
(c) number system (d) none of these

(5) In computer 16 kb means:
(a) 16000 (b) 16384 (c) 10000 (d) 256

(6) The range of months in date command is:
(a) 0 – 12 (b) 0 – 11 (c) 1 – 12 (d) 1 – 11

(7) The founder of Boolean Algebra is:
(a) Charles Babbage (b) George Bole
(c) John Napier (d) Leibniz's Calculator

(8) WWW stands for:
(a) World welcome web (b) world wide website
(c) wide web website (d) world wide web

(9) LBA stands for:
(a) logical black address (b) logical buffer area
(c) logical block area (d) none of these

(10) Output Displayed on screen is called:
(a) softcopy (b) software (c) liveware (d) hardcopy

(11) Organized form of data is called:
(a) DATUM (b) information (c) system (d) none of these

(12) $(456)_{10} = (?)_8$
(a) 710 (b) 5EB (c) 3A9 (d) none of these

(13) According to Distributive law:
(a) A(B+C) = AB + AC (b) A(AC) = ABC
(c) (A+B) = (B+A) (d) B + B = B + C

(14) The first electromechanical computer was:
(a) ENIAC (b) Mark-1 (c) EDVAC (d) UNIVAC

(15) The data consisting of whole numbers is known as:
(a) real (b) integer (c) fixed point (d) string

COMPUTER STUDIES 2014

Time: 2 ½ Hours

Max. Marks: 60

SECTION B (SHORT-ANSWER QUESTIONS)(36)

NOTE: Attempt 9 questions from this Section.

(2) Define: (a) Computer (b) Boolean constant

(3) Write down capabilities and limitations of computer.

(4) Write full forms of the following:
(a) IBM (b) HDD (c) CRT (d) ASCII

(5) Solve the following:
(i) 111001 x 111 (ii) 111001 + 111001
(iii) 110110 ÷ 100 (iv) 11110 (2's complement)

(6) State and prove De-Morgan's Theorem:
(i) $\overline{XY} = \overline{X} + \overline{Y}$ (ii) $\overline{X + Y} = \overline{X}\,\overline{Y}$

(7) Draw K-Map for the following:
(a) $AB + \overline{AB} + A\overline{B}$ (b) $ABC + A\overline{BC} + \overline{A}BC + AB\overline{C}$

(8) Differentiate between internal and external commands.

(9) Define bus. How many types of bus are there? Write down the names only.

(10) Define keyboard.

(11) Define types of computer according to their size.

(12) Differentiate between Data and Information.

(13) Convert the following:
(i) $(555)_{10} = (?)_2$ (ii) $(78BC)_{16} = (?)_2$
(iii) (745)8 = (?)16 (iv) $(1110001)_2$ $(?)_{10}$

(14) What is the difference between hardware and software?

SECTION C (DETAILED-ANSWER QUESTIONS)(24)

NOTE: Attempt 2 questions from this Section.

15.(a) Draw a block diagram of CPU and explain the following parts: (i) ALU (ii) Control Unit

(b) Differentiate between high level and low level languages

16.(a) Draw and prove the truth table for the following:
$(A + B)(A + C) = A + BC$

(b) Define properties of Windows Operating System.

17.(a) Define printer and describe its types.

(b) Draw generation table.

COMPUTER STUDIES Paper I 2015

Time: 3 Hours **Max. Marks: 75**

Time: 30 Min. **Section "A" Multiple Choice Questions (MCQ's)** **15 Marks**

Q1. Choose the correct answer for each from the given options.

(i) The base of hexa-decimal is:
(a) 2 (b)8 (c)10 ***(d)16***

(ii) Karnaugh map with three variables consists of:
(a) Sixteen cells ***(b) Eight cells***
(c) Four cells (d) Three cells

(iii) The smallest unit of computer memory is:
(a) Kilo (b)Byte ***(c)Bit*** (d) Giga

(iv) It is a volatile memory:
(a) SROM (b)PROM ***(c)RAM*** (d) ROM

(v) * and ? are used in DOS as:
(a) Numeric value ***(b) Wildcard Characters***
(c) Alpha-Numeric characters (d) All of these

(vi) Set of programs means :
(a) Operating system (b) application system
(c) Supervisor system (d) None of these

(vii) Antivirus software is used to remove:
(a) Bad sectors (b) Dust (c) Insects ***(d) Virus***

(viii) This option is used in locating files or folders on the bar disk of computer system:
(a) Folder option ***(b) Find/Search*** (c) Setting (d) Run

(ix) The major technological development of 2nd Generation Computer was:
(a) Vacuum Tubes (b) Microprocessor
(c) Transistor (d) I.C.

(x) Artificial Intelligence is called this generation :
(a) 2nd (b) 3rd (c)4th ***(d)5th***

(xi) There are two types of computer memory which are call
(a) REM & ROM (b) ***RAM & ROM***
(c) SRAM & SROM (d) All of these

(xii) It performs the Arithmetic and Logical Operation:
(a) MU (b) CU ***(c) ALU*** (d) COM

(xiii) Keyboard and Mouse are common devices, called:
(a) Dual devices ***(b) Input devices***
(c) Output devices (d) Input / Output devices

(xiv) Inkjet printer and Laser Printer are the examples of:
(a) Non-Impact Printer (b) Impact Printer
(c) Drum Printer (d) None of these

(xv) Integer data consists of:
(a) Character (b) Real
(c) Fixed Point ***(d) Whole number***

Time: 2½ Hours *SECTION "B" & "C"* *(Total Marks 60)*

Section "B" (Short-Answer Questions) **(36 Marks)**

Note: Answer any 9 questions from this section. All Questions carry equal marks.

2. What is the time period of 1st Generation of computer? Name

any three famous computers of 1st Generation.

3. What is the mainframe computer? Where it is used?
4. What are the concepts of source program and object program? Also describe the importance of language translator.
5. What are the purposes of Input devices and output devices in computer system?
6. Write down the uses of scanner with example.
7. Define Ports? Compare and Contrast Serial Ports and Parallel Ports.
8. Write the full names of the following abbreviations:
   (a) EPROM (b) RMDIR (c) EDVAC (d) HD
9. Convert the following into given number systems:
   (i) $(65)_{10} = (?)_2$ (ii) $(10111)_2 = (?)_{10}$
   (iii) $(472)_{10} = (?)_8$ (iv) $(545)_8 = (?)_{10}$
10. Solve the following binary numbers:
   (i) 1011+0011 (ii) 1111- 1000
   (iii) 11101 x 10 (iv) 10011 ÷ 1000
11. Prove the following with the help of Truth Table and Boolean Algebraic Techniques:
   (i) A+A.B = A+B (ii) A+AB = A
12. Why are special purpose and general purpose software prepared?
13. Write the uses of Internal and External commands in DOS.
14. Where we can find the deleted files and folders in windows operating system? Also write the steps to move file or folder over there?

Section "C" (Detailed-Answer Questions) **(24 Marks)**

Note: Attempt any 02 questions from this section.

15(a) What are cursor controlling keys in a Keyboard? Define two modifier keys also.

(b) Draw a block diagram of computer system with sub units of CPU also define functions of CPU.

16(a) Describe the impact and useful implementation of computer in Education and Business.

(b) How can we classify printers by their characteristic? Explain.

17(a) Explain the Boolean Algebraic operators with the help of Truth table.

(b) What do you mean by bus? Write types of bus in detail.

COMPUTER STUDIES 2016

Time: 30 minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

(ii) Analytical Engine was designed by?
- Pascal
- Hermon Hollerith
- Charless Babbage
- None of them

(ii) A small colourful graphical picture representing a file, folder or program is called:
- Folder • Image • Icon • button

(iii) The device that enables a computer to make a dial-up networking is:
- Mouse • Microphone • Modem • Monitor

(iv) The associative law of multiplication is written as:
- AB=BA • A(BC)=(AB)C • AB+AC=(B+C) • A+B=B+A

(v) The command that removes directories and their contents from disk is:
- DEL *,* • RD • RMDIR • DELTREE

(vi) Pre-programmed memory is:
- SRAM • DRAM • DIMM • None of them

(vii) LCD stands for:
- Light code digit
- Liquid Crystal Display
- Light Colour Display
- None of these

(viii) The process of creating sectors and tracks on a disk is known as:
- Booting • Tracking • Formatting • Listing

(ix) The bar displayed at top of a Window is called:
- Task bar • Tool bar • Title bar • Menu bar

(x) Generally, there are two types of internal memory of computer:
- RAM and ROM
- Registers & Floppy disk
- USB and Hard disk
- None of these

(xi) The process form of data is known as:
- String • data • binary • Information

(xii) Which translator translates and executes each program statement at a time?
- Compiler • Editor • Assembler • Interpreter

(xiii) It is a device to read image before inputs:
- Plotter • Scanner • Monitor • Keyboard

(xiv) The number of bits in a byte is:
- 4 • 2 • 16 • 8

(xv) This number system is ideal for the internal working of electronic computer:

- <u>Binary</u> • Decimal • Octal • Hexadecimal

COMPUTER STUDIES 2016

Time: 2 ½ Hours Max. Marks: 60

SECTION B (SHORT-ANSWER QUESTIONS)(36)

NOTE: Attempt 9 questions from this Section.

2. What is difference between digital & analog computer?
3. Write classification of computer according to capacity.
4. Define the term Bus. Write the name of its types.
5. Solve the following:
   (i) $10001_2 + 10110_2$ (ii) $111001_2 - 10111_2$
   (iii) $101010_2 \div 1110_2$ (iv) $110011_2 \times 1001_2$
6. Convert the following:
   (i) $(100000)_2\ (?)_{10}$ (ii) $(74)_{10} = (?)_2$
   (iii) $(126)_8 = (?)_{10}$ (iv) $(ASD)_{16} = (?)_{10}$
7. Why do we use backing storage devices?
8. Write difference between Serial and Parallel ports.
9. Prove the following equation and also draw Truth Table.
   $A + A.B = A$
10. State and prove Demorgan's Theorems.
    (i) $\overline{x.y} = \overline{x} + \overline{y}$ (ii) $\overline{x + y} = \overline{x} . \overline{y}$
11. Differentiate between Internal memory and External memory.
12. Draw the K-map for the following:
    (i) $ABC + BC + \overline{A}\,\overline{B}\,\overline{C}$ (ii) $\overline{A}B + \overline{A}\,\overline{B} + A\overline{B}$
13. What is an Operating System?
14. Write advantages of 3rd Generation of Computer/

SECTION C (DETAILED-ANSWER QUESTIONS)(24)

NOTE: Attempt 2 questions from this Section.

15.(a) Differentiate between DOS and Windows.
(b) What is Number System? Describe different types of number system.

16.(a) What do you mean by dual purpose devices? Discuss CD-Writer or Disk Drive.
(b) Define C.P.U. Describe function of C.P.U. also draw block diagram.

17.(a) What is the procedure of setting a screen saver?
(b) What are the factors that determine a monitor's quality?

COMPUTER STUDIES 2017

Time: 30 minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

1. The smallest accessible unit of memory is called:
   - bit • byte • Word • nibble
2. A rectangular area of screen that displays different information is called:
   - Copy • DOS • Window • Monitor
3. The numbers which are written in the exponential form are called:
   - Floating Point • Fixed Point • Mid Point • None of these
4. A program written in high level language is called:
   - Hard Program • Source Program
   - System Program • All of these
5. The processed form of data is known as:
   - String • Graphics • Binary • information
6. If $\overline{A} = 0$ then A = : • 0 • 1 • A • None of these
7. Laser beam technology is used in:
   - Optical disk • Magnetic tape
   - Magnetic disk • none of these
8. Each box of memory has this address:
   - Different • Unique • Two • None of these
9. Tabulating machine is the invention of:
   - Herman Hollerith • Charles Babbage
   - Joseph Jacquard • Leibniz
10. It is not a type of application software:
    - MS-Word • MS-Excel • Antivirus • In-page
11. The CD-Writer performance is measured in this unit:
    - DPI • X • KB • BYTES
12. Which switch of the format command copies system files on the disk and makes it bootable?
    - /P • /X • /S • /O
13. Laptop and desktop computers are examples of:
    - Micro computer • Super computer
    - Macro computer • None of these
14. Auxiliary storage is this kind of memory:
    - Temporary • Volatile • Primary • Non-Volatile
15. 3-variable Karnaugh map has:
    - eight cells • three cells • one cells • four cells

COMPUTER STUDIES 2017

Time: 2 ½ Hours Max. Marks: 60

SECTION B (SHORT-ANSWER QUESTIONS)(36)

NOTE: Attempt 9 questions from this Section.

2. What do you mean by an operating system?
3. Write differences between impact printer and non-impact printer.
4. Define ports and describe it types.
5. Compare & contrast: Analog Computer and Digital Computer.
6. Describe any four functions of Control Panel.
7. Map the following equation on a Karnaugh Map.
   $\overline{AB}C + AB\overline{C} + \overline{ABC} + ABC$
8. What is number system? Write names of its types.
9. Classify the computer according to the purpose.
10. Convert the following:
    (i) $(110)_2 = (?)_8$ (ii) $(628)_{10} = (?)_2$
    (iii) $(2EE)_{16} = (?)_2$ (iv) $(132)_8 = (?)_{10}$
11. Solve the following Binary numbers:
    (i) 1001 + 1010 (ii) 1001 x 101
    (iii) 1101 – 1011 (iv) 1001 ÷ 11
12. State Demorgan's theorems and prove them.
    (*i*) $\overline{x.y} = \overline{x} + \overline{y}$ (*ii*) $\overline{x+y} = \overline{x}.\overline{y}$
13. Explain the 4^{th} generation of computer.
14. What are plotters? Write the names of different types of plotters.

SECTION C (DETAILED-ANSWER QUESTIONS)(24)

NOTE: Attempt 2 questions from this Section.

15.(a) Define C.P.U. Write about ALU and CU.
(b) Explain Keyboard and write about its divisions.
16.(a) Define computer Bus and describe its types.
(b) What do you mean by computer programming language? Discuss its types.
17.(a) What do you mean by Data? Describe its types.
(b) Why do we need secondary storage device? Write about Hard disk.

COMPUTER STUDIES 2018

Time: 30 minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

1. According to the Associative law of Boolean Algebra:
   - B = BB
   - A (BC) = (AB)C
   - A + B = B + A
   - B = B (B + O)
2. The command that can show date in a prompt is:
   - PROMPT $ date
   - PROMPT $t
   - PROMPT $d
   - PROMPT $p
3. The characteristic of a monitor that effects on the sharpness of an image on screen is called:
   - convergence
   - pixel
   - bandwidth
   - dot pitch
4. A convenient place to store documents, graphics or other files that access quickly is:
   - My Netsork places
   - My Documents
   - My Computer
   - Folder
5. Arithometer is the invention of:
   - Charles Babbage
   - Joseph Jacquard
   - Charles Xavier
   - Leibniz
6. The process of creating sectors and tracks on disk is:
   - Booting • Tracking • Formatting • Listing
7. CD-Writer is used as device for:
   - input • output • both input / output • storage
8. The place that is used to connect various external devices to the computer is:
   - serial • USB • Port • BUS
9. Antivirus software removes it:
   - bad sector • dust • insects • virus
10. LCD stands for:
    - Light Code Digit
    - Liquid Crystal Display
    - Light Colour Display
    - None of these
11. The command that deletes directories along with files is:
    - DEL *,* • RD • RMDIR • DELTREE
12. Transistors were the invention of:
    - First Generation
    - Second Generation
    - Third Generation
    - Fourth Generation
13. For Engineering Applications the machine used is:
    - Laser Printer
    - Electrostatic plotter

- Pen plotter
- Ink-jet printer

14. Non-volatile memory is:
- SRAM
- DRAM
- DIMM
- None otf these

15. Laser beam technology is used in:
- Optical disk
- Magnetic tape
- Magnetic disk
- None of these

COMPUTER STUDIES 2018

Time: 2 ½ Hours Max. Marks: 60

SECTION B (SHORT-ANSWER QUESTIONS)(36)

NOTE: Attempt 9 questions from this Section.

2. What is Wallpaper? How can we change the wallpaper of the desktop?
3. Classify the monitor according to colour capabilities.
4. Where we can find the deleted files and folders in the Windows Operating System? Also write how the file and folder send over there?
5. State and prove the following Boolean's rules:
   (i) $A + 1 = 1$ (ii) $A.0 = 0$
   (iii) $A + \overline{A} = 1$ (iv) $\overline{\overline{A}} = A$
6. Differentiate between SRAM and DRAM.
7. Why do we need an Operating System?
8. Convert the following into given equivalent system:
   (i) $(10110100111)_2 = (?)_{16}$ (ii) $(1705)_8 = (?)_{10}$
   (iii) $(340)_{10} = (?)_2$ (iv) $(10001101)_2 = (?)_{10}$
9. Define 1st generation of computer. Name any three famous computers of 1st generation.
10. Give the appropriate DOS command for the task given below:
    (i) Print a file ABC.TXT to printer.
    (ii) Change the directory from XYZ to ROOT.
    (iii) Show the list of all files whose name starts with the letter "C".
    (iv) Copy the entire contents of a disk is another disk.
11. Solve the following Binary numbers:
    (i) $(1110011)_2 + (11011)_2$
    (ii) $(11010011)_2 - (11111)_2$
    (iii) $(1010101)_2 \times (111)_2$
    (iv) Find the 2's complement of $(101011)_2$
12. What do you mean by pointing input device? Write some examples of such devices.
13. With the help of Karnaugh map simplify each expression:
    (i) $\overline{ABC} + \overline{A}B\overline{C} + A\overline{B}C + AB\overline{C}$

(ii) $\overline{ABC} + \overline{AB}C + A\overline{B}C$

14. Name and define the computer which consists of both Analog and Digital system.

15. State and prove the Demorgan's equation:

    $\overline{AB} + \overline{A} + \overline{B}$

SECTION C (DETAILED-ANSWER QUESTIONS)(24)

NOTE: Attempt 4 questions from this Section.

16. What is Karnaugh Map? How can K-Map help to simplify a Boolean expression?

17. Define C.P.U. Describe its functions and draw block diagram.

18. Define the various coding schemes used in the computer system.

19. Define Keyboard. Explain its different parts.

20. What is a Windows desktop? Explain in important elements.

21. Define ports and its types in detail.

COMPUTER STUDIES 2019

Time: 30 minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

1. Analytical Engine was invented by: • Napler
   • Charles Babbage • William Oughtred • None of these
2. The command that deletes directories and their contents is: • Delete • Deltree • Erase • None of these
3. RAM slot is located on:
   • Modern • Processor • Motherboard • ROM
4. The operating system is more user friendly:
   • DOS • Windows • Unix • 8Apple
5. The unit controls the computer hardware:
   • Hard disk • CPU • Keyboard • Mother board
6. The other name of fixed disk is: • Optical disk
   • Hard disk • Floppy disk • None of these
7. The second generation of computer characterized by:
   • Magnetic cards • Translator
   • Artificial Intelligence • Transformers
8. A person who illegally breaks into other's computer system is called: • Computer Engineer
   • System programmer • Hacker • Cracker
9. The component of windows which provides a tree like view of disk, its files and folders is: • My Computer
   • Control Panel • Windows Explorer • Start Menu
10. A characteristic of a monitor that effects on the sharpness of an image on screen:
    • Convergence • Pixel • Band width • Dot pitch
11. The Boolean expression $\vec{A}\,\vec{B}\,C\,D$ is called a / an:
    • Sum term • Literal term • Product term • Always I
12. The number, which has no decimal point is called:
    • integer • character • fixed point • string
13. All devices that are attached to the CPU are called:
    • input device • output device
    • Peripheral devices • None of these
14. It is an arithmetic operator: • < • * • = • >
15. The number, which is in the exponential form is called:
    • Floating point • Fixed point
    • Mid point • None of these

COMPUTER STUDIES 2019

Time: 2 ½ Hours Max. Marks: 60

SECTION B (SHORT-ANSWER QUESTIONS)(36)

NOTE: Attempt 9 questions from this Section.

2. Write two advantages and disadvantages of computer in our daily life.
3. Write any four difference between Digital and Analog computers.
4. Define the following Boolean Algebra terms:
   (i) Variables (ii) Complement
   (iii) Truth Table (iv) Boolean Constant
5. State Demorgan's theorems and prove them
   (i) $\overline{XY} = \overline{X} + \overline{Y}$ (ii) $\overline{X+Y} = \overline{X} \cdot \overline{Y}$
6. What is operating system? Describe its important tasks.
7. How does start button create easiness in windows?
8. Solve the following binary numbers:
   (i) 1001101 – 110110 (ii) 1010011 x 1001
   (iii) 1110010 + 101011
   (iv) Find 2's complement of 10110_2
9. Write the difference between hardcopy and softcopy.
10. Convert the following:
    (i) $(110111)_2 = (?)_{10}$ (ii) $(DEAD)_{16} = (?)_2$
    (iii) $(346)_8 = (?)_{16}$ (iv) $(452)_{10} = (?)_8$
11. State the importance of system software & application software.
12. Define data and information. Write the name of different types of data.
13. Write short note on any two of the following:
    (i) Computer virus (ii) Find and search
    (iii) Windows Explorer (iv) Wallpaper
14. How does a laser printer and dot matrix printer work?
15. Define various types of ROM.

SECTION C (DETAILED-ANSWER QUESTIONS)(24)

NOTE: Attempt 4 questions from this Section.

16. State the importance of CPU in a computer. Explain its parts and function with block diagram.
17. Define the computer bus and describe its types.
18. Prove the following rule with the help of truth table.
    $(x + y)(x + z) = x + yz$
19. Define programming language and write its types and explain high level language.
20. Explain types of computer according to their capacity.
21. Write note on any three of the following:
    (i) Control Panel (ii) Ports (iii) Keyboard
    (iv) Scanner (v) Mouse

ENGLISH 2004

Time : Three hours **Max.Marks: 75**

1. Write an essay of about 100 to 120 words on any One of the following topics:- **(10)**
   (i) Nursing, (ii) Duties of a good citizen
   (iii) A Great Leader (iv) Merits and demerits of Science.
2. Write an application to your headmaster/headmistress requesting him/her to allow your class to visit Pakistan Steel Mills Karachi.

   OR

   Write a letter to your younger brother advising him to pay more attention to his health. **(08)**
3. Do as directed:- **(15)**

(i) He obeys his mother. (Change into negative form.)
(ii) I have written an essay. (Change the voice.)
(iii) I was scolded by my mother. (Change the voice.)
(iv) The old man lives from hand to mouth.
(change into past continuous tense.
(v) I liked the way he welcomed me. (Change into negative form.)
(vi) Who called you intelligent? (Change the voice.)
(vii) The sun rises in the east. (Change into interrogative form).
(viii) He said, "I am sorry to be late". (Change into indirect narration.)
(ix) He is wasting his time. (Change into past perfect tense.)
(x) It is raining since morning. (Correct the sentence.)
(xi) Ahmed said, "I missed the train yesterday".
(Change into indirect form).
(xii) is Islamabad the capital of Pakistan (Punctuate and use capital letters, where necessary)
(xiii) He is known ____ every body. (Insert a suitable preposition)
(xiv) I committed a mistake. (Change into interrogative form).

(xv) Did he learn his lesson properly?
(Change into an assertive sentence).

ANSWER 3

(i) He does not obey his mother.
(ii) An essay has been written by me.
(iii) My mother scolded me.
(iv) The old man was living from hand to mouth.
(v) I did not like the way he welcomed me.
(vi) By whom were you called intelligent?
(vii) Does the sun rise in the east?
(viii) He said that he was sorry to be late.
(ix) He had wasted his time.
(x) It has been raining since morning.
(xi) Ahmed told that he had missed the train the day before.
(xii) Is Islamabad the capital of Pakistan? (xiii) to
(xiv) Did I commit a mistake? (xv) He learned his lesson properly.

4.(a) Answer any six of the following questions in two to three sentences each. **(12)**

(i) What has the Holy Prophet (Peace be upon him) left behind for our guidance?
(ii) Why is Shah Latif called Bhitai?
(iii) How do we get malaria?
(iv) What did Quaid-I-Azam say about education?
(v) Who was Florence Nightingale?
(vi) What was the reply of Major Aziz Bhatti to his commanding Officer?
(vii) Why did Allama Iqbal want a separate state for the Muslims of India?
(viii) What object were found in the ruins of Moen-jo-daro?
(ix) What is a barrage? What are its benefits?

4.(b) Answer any four of the following questions in two to three sentences each: **(08)**

(i) What happens to the weary traveler when he sits under the neem tree?
(ii) What does Wordsworth see when he lies upon his couch in a pensive mood?
(iii) What did Abou Bin Adhem ask the angel when he saw it writing in the book of gold?
(iv) How did the miller earn his living?
(v) Why did the horse shake his harness bells?
(vi) Who wrote the poem 'Children' ? How are children different from the poet?

5. Fill in any Six blanks choosing the correct answer for each from the brackets: **(06)**

(i) Thou charm'st the wanderer's _____ away. (show, <u>woe</u>, low)
(ii) Ten thousand saw I at a _____. (<u>glance</u>, chance, dance)

(iii) The Holy Prophet (peace be upon him) ____ the Muslims to help the sick and the suffering. (desired, **urged**, pressed

(iv) A metal ____ of a dancing girl has been found in the ruins of Moenjodar. (portrait, body, **statue**)

(v) The poem 'Children' has been composed by ____ . (J.H.Leigh Hunt, Robert Frost, **Henry Longfellow**)

(vi) 'Jocund' means ____. (**merry**, marry, sorry).

(vii) The collection of Shah Latif's poetry is called ____ (Diwan-I-Latif, Latif's poetry, **Risalo of Shah Latif**)

(viii) Allama Iqbal said that the ___ of European democracy cannto be applied to India. (**Philosophy**, Principle, principal)

6. Use any four of the following idioms in your own sentences(4
To look after; to do away with; side by side; to look down upon, ins and outs; in black and white; to get into.

7. Translate the following sentences into English; **(06)**

(۱) تم صبح کو کس وقت اٹھتے ہو؟ (۲) وہ بہت ذہین لڑکا ہے۔ (۶) پوری پاکستانی قوم مادرِ ملت کا احترام کرتی ہے۔

(۳) اس سال بہت سردی پڑی۔ (۴) اگر وہ محنت کرے گا تو کامیاب ہو جائے گا۔ (۵) کبھی جھوٹ نہ بولو

ANSWER:
(i) When do you get up in the morning? (ii) He is a very intelligent boy. (iii) This year the winter was very cold.
(iv) If he works hard he will succeed. (v) Never tell a lie.
(vi) The whole Pakistani nation respects Mader-e-Millat.

OR

Summarize the following passage:-

Nursing is one of the most important professions for girls. It is becoming popular day by day. Educated people know its importance. Sometime back people disliked this profession. Now all of us realize that it is really a noble profession. Girls from good families are also readily joining this profession.

8. Read the following passage and answer the questions given under it:- **(06)**

The aeroplane is a wonderful invention of the twentieth century. It is a flying machine. It has a long body with wings on either side.

It has a tail and a rudder for controlling the direction. When it flies high up in the air, it looks like a great bee.

It is a very useful invention. It carries passengers across oceans, mountains and deserts. But it is a source of great danger to mankind in war times.

Aero planes are being used for bombarding open town. Thus a very useful machine is proving to be a curse.

(i) What does an aero plane look like?
(ii) What is the function of the rudder?
(iii) Why is an aeroplane called a very useful invention?
(iv) Why can it be a source of great danger to mankind?

ENGLISH 2005

Time: 3 hours Max.Marks.75

1. Write an essay of 100 to 120 words on any One of the following topics: (10)

(i) The Recess Time in you School (ii) Tsunami Disaster.
(iii) Advantages and Disadvantages of Watching T.V. Programmes. (iv) My Favourite Cricketer.

2. Write a letter to your father requesting him to give you permission to go with a friend to his/her village during the summer vacation.

OR

Write an application to your headmaster/headmistress requesting him/her to issue you the transfer certificate. (08)

3. Do as directed: (15)

(i) What are you doing? (Change into passive voice.)
(ii) I gave him a book. (Change the voice.)
(iii) She said to him, "I met your uncle yesterday." (Change into indirect narration.)
(iv) The man is mortal. (Correct the sentence.)
(v) ____ Punjab is ____ fertile province of Pakistan. (Insert article (s), where necessary.).
(vi) His brother is ____ honest man. (Insert a suitable article).
(vii) God helps those ____ help themselves. (Insert a pronoun).
(viii) We played a hockey match. (Change into negative form.)
(ix) He spoke a lie. (Correct the sentence.)
(x) He worked hard because he wanted to win a prize. (Change into present indefinite tense.)
(xi) I run fast. (Change into an interrogative sentence.)
(xii) The Sun rises from the East. (Correct the sentence.)
(xiii) She did not make a noise. (Change into affirmative.)

(xiv) He does not like it. (Change into future tense).

(xv) He said to them, "May you succeed." (Change into indirect speech)

ANSWER 3 (i) What is being done by you?

(ii) A book was given to him by me.

(iii) She told him that she had met his uncle the day before.

(iv) Man is mortal (v) x, a (vi) an (vii) who

(viii) We did not play a hockey match. (ix) He told a lie.

(x) He works hard because he wants to win a prize.

(xi) Do I run fast? (xii) The sun rises in the east.

(xiii) She made a noise. (xiv) He will not like it.

(xv) He prayed to God that they might succeed.

4.(a) Answer any Six of the following in two to three sentences each: **(12)**

(i) Give a brief description of the Guddu Barrage.

(ii) What measures are being adopted by the Government to solve the main problems of the country?

(iii) What are the services of Begum Jahan Ara Shahnawaz in the freedom movement of Pakistan?

(iv) Who is Allama Iqbal and why is he famous?

(v) What did Allama Iqbal say in his Allahabad Address?

(vi) What difficulties did Helen Keller face as a blind person?

(vii) Where is Moenjodaro situated and what is the cause of its fame?

(viii) Name some of the famous shrines found in different parts of Pakistan.

(ix) On what three principles did the Holy Prophet (peace be upon him) establish the Islamic society at Madina?

4.(b) Answer any four of the following in two to three sentences each: **(08)**

(i) What, according to the poetess, is the highest aim of life?

(ii) Mention the two moods of the poet in the poem 'The Daffodils'.

(iii) The poet says that the children are thinking of the brooks while he is thinking of autumn. What does this mean?

(iv) The poet calls the children living poems and all the rest dead. Why does he say so?

(v) Who is a miller and what was he singing about?

(vi) Who wrote the poem Abou Ben Adhem and what did Abou see in the room?

5. Fill in any Six blanks choosing the correct answer for each from the brackets: **(06)**

(i) Latif's Urs is held at his shrine every year on 14th of ___. (Rajab, Zil Hajj, <u>Safar</u>)

(ii) She looked after her illustrious brother. 'Illustrious' means: (<u>**distinguished**</u>, enlightened, graceful)

(iii) The Miller of the Dee is composed by ____. (Henry Leigh Hunt. Wordsworth, **Charles Mackay**)

(iv) The Muslims demanded Pakistan in ___. (1947, **1940**, 1920)

(v) As happy as a ____. (**clown**, king, bird)

(vi) A man who records history is called a/an _____. (Politician, author, **historian**).

(vii) The Holy Prophet (S.A.W) performed Hajj in the ____ of Hijra. (9th year, **10th year**, 11th year)

(viii) 'sweet accord' means _____. (shining face, **smiling face**, beautiful face)

6. Use any Four of the following idioms in your own sentences:
a lot of; to look into; to break the ice; to get through; to get over; at a stretch; to end in smoke. **(04)**

7. Translate the following sentences into English: **(06)**

(۱) اس شہر میں کئی ہائی اسکول ہیں۔ (۲) بائیں ہاتھ چلو۔ (۳) وہ ہمیشہ سچ بولتا ہے۔ (۴) اسلم کئی گھنٹوں سے ورزش کر رہا ہے (۵) میں نے ناشتہ کر لیا ہے۔ (۶) میری دعا ہے کہ آپ کو طویل زندگی عطا ہو۔

ANSWER: (i) There are many high schools in this city.
(ii) Keep to the left. (iii) He always speaks the truth
(iv) Aslam has been doing exercise for many hours,
(v) I have taken my breakfast. (vi) I pray that you may live long.

OR.

Summaries the following passage & give a suitable title t

Character plays a very important role in our life. There is an old proverb, "If wealth is lost nothing is lost, if health is lost something is lost but if character is lost everything is lost." Loss of wealth can be compensated by dint of hard labour. Health can be recouped by rich diet but lose of character is an irreparable loss. The stigma on character cannot be blotted out for generations. It brings our reputation to naught and a slur on fair name. However hard we may try to waste it off but the result will be failure. It is essential to safeguard it at all costs.

8. Read the following passage and answer the questions given under it: **(06)**

The farmer leads a very simple life. He lives in an ordinary thatched house or hut, which consists of two or three rooms. There is no gateway but a narrow opening to enter the room. He works in his small fields the whole day long till evening. His wife helps him in his outdoor duties as well. She looks after children. Cooks meals and grows food crops for her husband. The farmer brings things from the market, collects wood for use as fuel and rears cattle.

(i) In what sort of house does a farmer live?
(ii) What are the duties of a farmer?
(iii) What does a farmer's wife do?
(iv) Give a suitable title to the above paragraph.

ENGLISH 2006

Time: 3 Hours **Max. Marks 100**

1. Write an essay of 100 to 120 words on any One of the following topics:- **(10)**

(i) Responsibilities of a good citizen. (iii) Pollution.
(ii) The Importance of Technical Education. (iv) Nursing.

2. Write an application to the Headmaster/Headmistress of your school for four days' leave on account of your brother's marriage. **(08)**

OR

Write a letter to your friend describing him/her your hobby.

3. Do as directed:-

(i) Punctuate the following using capital letters, where necessary:
 (a) he is an mba
 (b) i get up in the morning take a bath have breakfast and go to school **(02)**

(ii) Insert suitable prepositions in the following: **(02)**
 (a) Trust in God and do the right.
 (b) She died of smallpox.

(iii) Insert the correct form of the verb in each sentence: **(06)**
 (a) Lal Latif ——— in 1752. (die)
 (b) She —— us to go home. (forbid)
 (c) Do you see the picture? (Change into affirmative.)
 (d) The Villagers refused to pay the tax. (Change into negative.)
 (e) She prays five times a day. (Change into past indefinite tense.)
 (f) God created us. (Change into past perfect tense.)

(iv) Change the voice: **(02)**
 (a) Where was hockey being played by you?
 (b) When will she have finished the work?

(v) Change the narration: **(03)**
 (a) The General said, "Advance, my men."
 (b) She proposed that we should go for a walk.
 (c) They said, "Oh! that is nonsense."

ANSWER:

(i) (a) He is an M.B.A.
 (b) I get up in the morning, take a bath, have breakfast and go to school.

(iii) (a) Lal Latif died in 1752. (b) She forbade us to go home
 (c) You see the picture.
 (d) The Villagers did not refuse to pay the tax.
 (e) She prayed five times a day. (f) God had created us

(iv) (a) Where were you playing hockey?
(b) When will the work be finished by her?

(v) (a) The General ordered his men to advance.
(b) She said," Let us go for a walk."
(c) They exclaimed with anger that, that was nonsense.

4.(a) Answer any Six of the following questions in two/three sentences each: **(12)**

(i) What is meant by 'Hijra'?
(ii) Who was Shah Abdul Latif?
(iii) Which is the best find of Moenjodaro?
(iv) What do you know about Helen Keller?
(v) When did the Muslims demand Pakistan?
(vi) What is the meaning of Madare-e-Millat?
(vii) How are diseases caused?
(viii) What lesson do you learn from the martyrdom of Major Aziz Bhatti?
(ix) What does 'nursing' mean?
(x) What is our duty to our country?
(xi) What is a barrage?

4.(b) Answer any Four of the following in two/three sentences: (8)

(i) What does the neem tree look like?
(ii) Who wrote the poem 'The Daffodils'? What did the poet see beside the lake?
(iii) How does the poet feel when he sits thoughtfully on his couch?
(iv) Why can the poet not wait to enjoy the beauty of the woods?
(v) What did the king say to the miller?
(vi) Why was Abou's name on the top of the list?

5. Fill in the blanks of any Six of the following choosing the correct answer for each from the brackets: **(06)**

(i) We have the —— to give us guidance. (**Holy Quran**, Sunnah, Fiqah)
(ii) Shah Abdul Latif was born in —— A.D. (**1689**, 1690, 1691)
(iii) The Pakistan Resolution was passed at ——. (Peshawar, Rawalpindi, **Lahore**)
(iv) The poem Children is written by ——. (Henry Leigh Hunt, **Henry Longfellow**, Robert Frost)
(v) Robert Frost was a/an — poet. (**American**, English, German
(vi) A man who sews clothes is called a ______ (weaver, **tailor**, mason)
(vii) The king was in search of the secret of ——. (failure, pleasure, **success**)
(viii) The length of Guddu Barrage is __ metres. (1255,**1355**,1455

6. Use any Four of the following idioms in your sentences: **(04)**
a bed of roses; at all costs; far and wide; to wind up; a lot of; all of a sudden; to give up.

7. Translate the following sentences into English:- **(06)**

(۱) لوگ دو ماہ سے بارش کی دعا کر رہے ہیں۔ (۲) کیا زریں ۱۹۸۰ء سے اس اسکول میں انگریزی پڑھا رہی ہے؟ (۳) اسے پھول نہ توڑنے دو۔ (۴) وہ کمرے میں سفیدی کیوں کر رہی ہے؟ (۵) اکرم اور اسلم گہرے دوست نہ تھے۔ (۶) مالی پودوں کو پانی دے رہا ہوگا۔

ANSWER: (1) People had been praying for rain from the last two months. (2) Has Zarreen been teaching in this school since 1980. (3) Do not let him pluck flowers. (4) Akram and Aslam were not fast friends. (5) The gardener will be watering the plants.

OR

Make a summary of the following passage reducing it to one-third of its length:

Kind words have greater power than gold. A man once lay in sorrow and deep distress. A rich man heard of his grief. He gave him gold but not a kind word. Another man passed by him. He had no gold to give. He spoke kind words and gave him sympathy. The sorrow of the miserable man passed. He was again well and strong. He paid back the gold the rich man had given him but he could not pay back the kind words and sympathy of the poor man. Justly he said, "Gold is great, but greater than gold is sympathy."

8. Read the following passage and answer the questions given under it: (06)

But this is because we have forgotten the noble examples of our Holy Prophet (peace be upon him). He would never ask anyone to do anything, which he himself would not do. He loved doing work for himself and for others with his hands. He repaired his shoes, mended and washed his clothes and swept his room. When the mosque of Madina was being built, he carried mud and building material. During the Battle of Khandaq, he Joined his Companions in digging the ditch outside Madina.

(i) Write any three noble examples of our Holy Prophet (peace be upon him).
(ii) What did the Holy Prophet (peace be upon him) love?
(iii) What kind of work did he perform when the mosque of Madina was being built?
(iv) What did the Holy Prophet (peace be upon him) and his Companions dig outside Madina?
(v) Make nouns from the verbs 'bury' and 'die'.

ENGLISH 2007

Time: 3 hours **Max.Mark- 75**

1. Write an essay of 100 to 120 words on any One of the following topics:- **(10)**

(i) Celebration of Eid Milad-un-Nabi at our School

(ii) My Next-door Neighbour (iii) An Interesting One-Day Cricket Match. (iv) A House on Fire

2. Write an application to the headmaster/headmistress of your school requesting him / her to allow your class to visit the book fair at the Expo Centre in your town. **(08)**

OR

Write a letter to your friend asking him/her to describe what he/she intends to do during the summer vacation.

3.(i) Punctuate following using capital letters, where necessary

(a) aslam left for multan on monday the 3rd april 2007

(b) as days passed latifs love of god grew more and more

(ii) Insert suitable prepositions in the following:- **(02)**

(a) He is blind ——— one eye.

(b) My son is suffering ——— fever.

(iii) Insert the correct form of the verb in each sentence:- **(02)**

(a) The patient ——— before the doctor came. (die)

(b) She ——— her prayers every morning. (say)

(iv) Do as directed:- **(04)**

(a) Did he do the homework? (Chang into assertive.)

(b) He put out the lamp. (Change into negative.)

(c) He will speak the truth. (Change into simple present tense)

(d) He does his homework daily. (Change into interrogative)

(v) Change the voice:- **(02)**

(a) Don't post these letters.

(b) The soldier was ordered by the officer to follow the orders.

(vi) Change the form of narration:- **(03)**

(a) He said to me, "I don't like this book."

(b) The father said to his son, "Work hard if you want to succeed in life."

(c) He asked me why I was going to Karachi.

ANSWER:

(i) (a) Aslam left for Multan on Monday, the 3rd April, 2007.

(b) As days passed Latif's love of God grew more and more.

(ii) (a) of (b) from
(iii)(a) had died (b) says
(iv)(a) He did the homework. (b) He did not put out the lamp.
(c) He speaks the truth. (d) Does he do his homework daily?
(v) (a) Don't let these letters be posted.
(b) The officer ordered the soldier to follow the orders.
(vi)(a) He told me that he did not like that book.
(b) Father advised his son to work hard if he wanted to succeed in life.
(c) He said to me, "Why are you going to Karachi?"

4.(a) Answer any Six of the following questions in two to three sentences each:- **(12)**

(i) What important objects are kept in museum of Moenjodaro?
(ii) What did Quaid-e-Azam say about education?
(iii) Why is Shah Abdul Latif famous and what is his message?
(iv) What are the benefits of Guddu Barrage?
(v) Why did Allama Iqbal want a separate state for the Muslims of India?
(vi) How did the Muslim women work for the Independence?
(vii) What are the secret of the success?
(viii) What is pollution? What are its kinds?
(ix) What does the Last Sermon of the Holy Prophet (peace be upon him) teach us?

(b) Answer any Four of the following questions into two / three sentences:- **(08)**

(i) How does the poetess compare the Neem tree to man?
(ii) What are harness bells? Why does the horse shake them?
(iii) Who wrote the poem "Children"? How are the children different from the poet?
(iv) Who was Abou Ben Adhem? What did he ask the angel?
(v) What resemblance does the poet find between the stars and the daffodils?
(vi) Who is a miller? What was he singing about?

5. Fill in the blanks of any Six of the following choosing the correct answer for each from the brackets: **(06)**

(i) Ziauddin Ahmad was the Vice-Chancellor of the ——— University (Punjab, Karachi, **Aligarh**)
(ii) The first woman ever to make a speech in London's Guild Hall was ——. (Begum Khair-un-Nisa Sha'ban, Lady Sughra Hidayatullah, **Jahan Ara Shahnawaz**)
(iii) In the poem 'Children' the poet is afraid of the———. (jungle, **old age**, youth)
(iv) The 'Miller of the Dee' is composed by ———. (**Charles Mackay**, Henry Leigh Hunt, Wordsworth)
(v) Typhoid is caused by ———. (stagnant water, mosquito bite, **flies carrying germs**)
(vi) 'Blithe' means ———. (sad, **happy**, angry)

(vii) Moenjodero is near ———. (Karachi, Hyderabad, **Larkana**).

(viii) Robert Frost was a ——— poet. (**American**, English, Scottish)

6. Use any Four of the following idioms in your sentences:- **(04)**
to get over; to make out; dawn to dusk; with open arms; to take off; good at; to get rid of.

7. Translate the following into English:- **(06)**

(۱) میرا بھائی مجھ سے دو سال چھوٹا ہے۔ (۲) مہمانوں نے رات کا کھانا کھا لیا ہے۔ (۳) کیا احمد نے بہترین کتاب کا انتخاب کیا؟ (۴) اگر بارش نہیں ہوئی تو ہم سیر کو جائیں گے۔ (۵) وہ دو گھنٹے سے تصویر بنا رہا ہے۔ (۶) ہیڈ ماسٹر صاحب کب تشریف لائیں گے؟

ANSWER: (1) My brother is two years younger than me. (2) The guest have taken the dinner. (3) Did Ahmed selected the best book? (4) If it does not rain we shall go for picnic. (5) He has been drawing the picture for two hours. (6) When will the Headmaster arrive?

<u>OR</u>

Make the summary of the following passage:

We should treat our father kindly for he loved us most when we were young. He is now old and, therefore, it is our duty to provide him with every comfort. We should be kind to our mother because she treated us with tender affection in our childhood. She still prays for our welfare. We should make her last days happy and pleasant. This is our moral as well as religious duty.

We should be kind to our brother because his love is the richest jewel on the surface of the earth. We should treat our sister gently for we know how deep her love is for us. Her love towards us will bring us joy and blessing of Allah.

8. Read the following passage and answer the questions given at the end:- **(06)**

Tracts of land from which coal is obtained are called coal fields. These so-called fields are not on the surface of the earth like fields of rice and wheat, but at some depth below it. They consist of layers or beds which run under the ground. When a layer of this kind has been opened, the opening is called a mine; and hence coal is classed as a mineral. Pakistan possesses many coal fields but much fewer and smaller than those of England in proportion to the size of the country.

The coal too is of inferior quality; it is without gas and leaves a much larger amount of ash when it is burnt.

(i) What are coal fields?

(ii) Where is the coal found?

(iii) What is a mine? Why coal is termed a mineral?

(iv) How are the Coal fields in Pakistan compared with those found In England?

(v) Write the other two degrees of 'much'.

(vi) Write the antonym of 'inferior'.

ENGLISH 2008

Time: 3 hours **Max. Marks: 75**

1. Write an essay of 100 to 120 words on any One of the following topics:- **(10)**

(i) Pakistan Day Celebrations
(ii) Duties of a Monitor in a School
(iii) Games and Sports in the Life of a Student
(iv) An Overnight Picnic by the Sea

2. Write an application to your headmaster/headmistress requesting him/her to start the computer classes at your school.

OR

Write a letter to your friend about your favourite hobby and the benefit it gives you. **(08)**

3.(i) Do as directed: **(04)**

(a) Ahmad took the S.S.C. Examination.
(Change into present indefinite tense.
(b) He spit on the floor. (Change into an interrogative sentence)
(c) She does not make a mistake. (Change into an affirmative)
(d) He recommended a better book to his brother.
(Change into a negative sentence.)

(ii) Change the voice of the following sentences: **(03)**

(a) He bears all the troubles gladly.
(b) Who broke the chair?
(c) I have been surprised by your result.

(iii) Change the form of narration of the following sentences: **(03)**

(a) The father said to his son, "Work hard if you want to succeed in life"
(b) He said to me, "Where do you live?"
(c) He says that he recites the Holy Quran daily.

(iv) Insert suitable prepositions in the following sentences: **(02)**

(a) This book is free **of** mistakes.
(b) She has no control **over** her children.

(v) Insert the correct forms of the verbs in the given sentence (2

(a) I **shall stay** here until he comes back, (stay).
(b) She **has been reciting** the Holy Quran for the last two hours, (recite)

(vi) Insert a suitable article: **(01)**

(a) She met me **the** day before yesterday.

ANSWER:

(i) (a) Ahmad takes the S.S.C. Examination.
(b) Does he spit on the floor?
(c) She makes a mistake.
(d) He did not recommend a better book to his brother.

(ii)(a) All the troubles are borne gladly by him.
(b) By whom was the chair broken.

(c) Your result has surprised me.

(iii)(a) The father advised his son to work hard if he wanted to succeed in life.

(b) He asked me where I lived.

(c) He says, "I recite the holy Quran daily."

4.(a) Answer any Six of the following questions in two/three sentences each? (12)

(i) What does the Holy Prophet (S.A.W.) say about the Holy Book of Allah?

(ii) What message did Quaid-e-Azam give the people on the first anniversary of the Independence Day?

(iii) How do germs get into our body?

(iv) Why did men begin to live together? What happened when the societies grew larger?

(v) What is a barrage? What areas of Sindh are irrigated by Guddu Barrage?

(vi) What was the role of Lady Haroon in the struggle for Pakistan?

(vii) What things are on exhibition in the museum of Moenjodaro?

(viii) How important are our neighbours to us according to the Holy Prophet (S.A.W.)?

(ix) What are the problems faced by Pakistan and how can they be solved?

4.(b) Answer any Four of the following questions in two/three sentences each: (08)

(i) With what does the poet compare children?

(ii) Why did God bless Abou Ben Adhem with His love?

(iii) How did the poet feel looking at the daffodils?

(iv) Why can the poet not wait to enjoy the beauty of the woods?

(v) What did the King say to the Miller in the last stanza of the poem "The Miller of the Dee"?

5. Fill in the blanks of any Six of the following choosing the correct answer for each from the given brackets:- (06)

(i) A metal statue of a -------- has been found in the ruins of Moenjodaro (brave girl, smiling girl, **dancing girl**)

(ii) But in my mind is the wind of ------ (winter, **autums**, summer)

(iii) Thou charm' st the wanderer's ------- away. (show, **woe**, low)

(iv) The Holy Prophet (S. A. W.) --------- the Muslims to help the sick and the suffering. (desired, **urged**, pressed)

(v) Allama Iqbal said that the ------- of European democracy cannot be applied to India. (**philosophy**, style, principle)

(vi) No lark more ------- than he. (**blithe**, delightful, tight)

(vii) "The Children" has been composed by ---------. (Elsa Kazi , William Wordsworth, **Henry Longfellow**)

(viii) The Pakistan Resolution was passed in A.D. ----------. (**1940**, 1947, 1941)

6. Use any Four of the following idiomatic expressions in your sentences: **(04)**
to look after; fond of; to look into; to take part; nothing but; to get over; far and wide.

7. Translate the following into English: **(06)**

(۱) کیا اس کے پاس ایک کتاب ہے؟ (۲) تمہارے کتنے بھائی ہیں؟ (۳) اس نے مکان خرید لیا ہے۔
(۴) میں صبح سے اپنے دوست کا انتظار کر رہا ہوں۔ (۵) وہ صبح سویرے ٹہلنے کے لئے جائیں گے۔ (۶)
اگر وہ سچ بولے گا تو میں اسے سزا نہیں دوں گا۔

ANSWER: (1) Does he have a book? (2) How many brothers do you have? (3) He has bought the house. (4) I have been waiting for my friends since morning. (5) They will go for a walk early in the morning. (6) If he speaks the truth I will not punish him

OR

Make a summary of the following passage:

Once in a battle Hazrat Ali was in the thickest of the fight against a tribe hostile to Islam. A stout warrior from among the enemy fought his way up to him and attacked him. Hazrat Ali too made a counter attack and a grim fight followed. At last the sword of the enemy broke into pieces and he stood defenseless. When Hazrat; Ali saw this, he stopped his fight because he disdained to take advantage of the helpless condition of his adversary.

8. Read the following passage and answer the questions given at the end: **(06)**

Pakistan is full of beautiful natural scenery. In the north are the snow-capped mountains with their silvery waterfalls and cool lakes. The central part consists of the fertile green plains of the Punjab and Sindh. Then there are the rocky regions of Baluchistan and the beautiful shores of the Arabian Sea. These geographical variations are reflected in the customs of the people of various regions of our country.

(i) Where are the snow-capped mountains?
(ii) What does the central part of Pakistan consist of?
(iii) Which region of Pakistan is made of hard rocks?
(iv) What do the customs of various regions of Pakistan reflect?
(v) Write the opposite of 'fertile'.
(vi) Write the synonym of 'shore.

ENGLISH 2009

Time: 30 minutes **(IX Sci.)** **Max. Marks: 15**

SECTION "A" (COMPULSORY)
(MULTIPLE CHOICE QUESTIONS)

Instruction: This paper of compulsory English Paper-I (Class ix–New Course) consists of two separate question papers. Paper I (Section "A") consists of M.C.Q's. This paper of 30 minutes duration will be given to you first of all and collected back as soon the time is over. Then you will be given the next paper of 2 ½ Hours consisting of short-Answer Questions (Section "B") and detailed-Answer Questions (Section "C")

NOTE: (i) Attempt all the questions from this Section.
(ii) Do not copy down the part questions in your answerbook. Write only the answer in full against the proper number of the question and its part.
(iii) Each question carries one mark.
(iv) The Code of your question paper must be mentioned in bold letters in the answer script.

1. Choose the correct answer for each from the given options: (15)

(1) Helen Keller visited Pakistan in A.D.:
(A) 1965 **(B) 1956** (C) 1958 (D) 1957

(2) Choose the correct Affirmative form:
The Dog did not bark at the strangers.
(A) The dog barks at the strangers.
(B) The dog did bark at the strangers
(C) The dog barked at the strangers.
(D) The dog does bark at the strangers.

(3) The headmaster looked -------- the matter.
(A) after (B) on (C) at **(D) into**

(4) Choose the correct Past Perfect Tense.
Zahida sings a song.
(A) Zahida has sung a song (B) Zahida sang a song
(C) Zahida has sung a song (D) Zahida had sang a song.

(5) Choose the correct Negative form.
You play hockey.
(A) You has not played hockey (B) You did not play hockey
(C) You do not play hockey (D) You have not played hockey

(6) Choose the correct Article.
Nadia is ---------- most obedient child.
(A) the (B) an (C) a (D) none of these

(7) 'Otaq' is the meeting place for:
(A) women (B) girls **(C) men** (D) boys.

(8) Choose the correct Interrogative form.

I committed a mistake.

(A) Do I commit a mistake? **(B) Did I commit a mistake?**

(C) Do I committed a mistake? (D) Did I committed a mistake?

(9) Change into Active Voice.

The cow has been milked by the lady.

(A) The lady milked the cow.

(B) The lady has milked the cow.

(C) The lady had milked the cow. (D) The lady have milked cow.

(10) Abou Ben Adhem was a:

(A) poet **(B) saint** (C) writer (D) King

(11) Daffodils is written by:

(A) Mrs. Elsa Kazi (B) Henry Leigh Hunt

(C) William Wordsworth (D) Charles Mackey

(12) Choose the correct form of Indirect Narration:

Ahmad said, "He is sleeping in this room".

(A) Ahmad said that he was sleeping in that room.

(B) Ahmad told that he was sleeping in this room.

(C) Ahmad said that he is sleeping in that room.

(D) Ahmad said that he is sleeping in this room.

(13) Choose the correct Present Continuous Tense:

The girls play in the ground.

(A) The girls are playing in the ground.

(B) The girls were playing in the ground.

(C) The girls playing in the ground.

(D) The girls have been playing in the ground.

(14) Choose the correct preposition.

The nurse looks ---------- the patient.

(A) before (B) into **(C) after** (D) up

(15) Change into Passive Voice.

The speeding car overtook the cycle.

(A) The cycle was overtook by the speeding car.

(B) The cycle was overtake by the speeding car.

(C) The cycle is overtaken by the speeding car.

(D) The cycle was overtaken by the speeding car.

ENGLISH 2009

Time: 2 ½ Hours **Max. Marks: 60**

Instruction: This paper consisting of Short-Answer Questions (Section "B") and Detailed-Answer Questions (Section "C") will be given after 30 minutes and its total duration will be 2 ½ hours only.

NOTE: Attempt all questions.

SECTION "B" (SHORT-ANSWER QUESTIONS)

2.(a) Answer any Eight of the following questions in Three to Four sentences each: (24)

(i) Where and on what principles was the Islamic Society founded by the Holy Prophet (P.B.U.H)
(ii) What objects are kept in the museum of Moenjodaro?
(iii) Who was Miss Sullivan? How did she teach Helen Keller
(iv) How did Muslim women work for the Pak. Movement?
(v) What is the meaning of Madar-i-Millat? Why was Miss Fatime Jinnah called Madar-i- Millat?
(vi) What did Quaid-e-Azam say about education?
(vii) How do we get malaria? How can we get rid of it?
(viii) What lesson do you learn from the martyrdom of Major Aziz Bhatti?
(ix) Who are the important persons in a village?
(x) What is the moral of the lesson 'The Secret of Success'?

2.(b) Answer any four of the following questions in Three to Four sentences each: (12)

(i) In what way is neem tree useful to us?
(ii) What are two moods of the poet in the poem 'Daffodils?
(iii) How are children different from the poet?
(iv) Why was Abou Ben Adhem's name on the top of the list
(v) Who is a miller? Who is happier of the two ------ the miller or the king?
(vi) Why can the poet not wait to enjoy the beauty of woods

SECTION "C" (DETAILED-ANSWER QUESTIONS)

3. Write an essay of about 100 to 120 words on any One of the following topics: (08)

(i) The Profession I like best (ii) A Picnic at a Seaside
(iii) Pakistan Day Celebrations
(iv) An Imaginary or a Real Flight by an Aeroplane

4. Write an application to the headmaster/headmistress of your school requesting him/her to issue you a sports certificate for the events in which you took part.

OR Write a letter to your father asking him to send you some money to buy the scout's uniform. (06)

5. Translate any 5 of following sentences into English:(5)

(۱) کیا اسلم صحت کا خیال رکھتا ہے؟ (۲) آج تیز بارش نہیں ہو رہی ہے (۳) پاکستان دنیا کا اہم اسلامی ملک ہے۔ (۴) کیا کل ہم میچ جیت جائیں گے؟ (۵) میں اس اسکول میں پچھلے پانچ سال سے پڑھ رہا ہوں (۶) جب میں گھر پہنچا تو میری ماں سو چکی تھی۔

ANSWER: (i) Does Aslam take care of his health? (2) It is not raining heavily today. (3) Pakistan is an important Islamic country of the world. (4) Shall we win the match tomorrow? (5) I have been learning in this school since last five years. (6) When I reached home my mother had slept.

6. Read the following passage and answer any Five of the questions given at the end: (05)

The Quaid led his people through the terrible first year of their history. When the country was divided, millions of

people had crossed the borders of the new states. The sight of these homeless people moved Jinnah to tears. The angry crowds murdered the people, stole the property and burned homes. About half's million Muslims were killed or kidnapped. All this killing and destruction shocked Jinnah who begged for peace and friendship but to no avail.

(i) What happened when the country was divided?
(ii) How did the homeless people affect Mr. Jinnah?
(iii) What did the angry crowds do?
(iv) How many Muslims were killed or carried away?
(v) What did Mr. Jinnah desire?
(vi) What are the three forms of the verbs 'steal' and 'lead'?

OR Write a short note on any One of the following:

(i) Nursing (ii) Moenjodaro (iii) Shah Abdul Latif

ENGLISH 2010

Time: 30 minutes Max. Marks: 15

SECTION "A" (COMPULSORY)(M.C.Q.S)

1. Choose the correct answer for each from the given options:

(i) Choose the correct form of the direct narration:
<u>She said to her mother that when she reached home, she had not found her there.</u>

(A) She said to her mother, "When she reached home, she did not find you there."
(B) <u>She said to her mother, "When I reached home, I did not find you there."</u>
(C) She is saying to her mother, "When she reaches home, she does not find her mother there."
(D) She says to her mother, "When I reach home, I did not find you there."

(ii) <u>The poet/poetess of the poem 'daffodils' is:</u>

(A) Anonymous (B) Mrs. Elsa Kazi
(C) <u>William Wordsworth</u> (D) Henry Longfellow

(iii) Choose the correct affirmative form:
<u>Will you not pays for us?</u>

(A) Would you pray for us? (B) Will you be praying for us?
(C) Would you have prayed for us? (D) <u>Will you pray for us?</u>

(iv) Choose the correct affirmative form:
<u>We do not make a noise:</u>

(A) We does make a noise. (B) We made a noise.
(C) <u>We make a noise.</u> (D) We are making a noise.

(v) Choose the most suitable article for the sentence:
<u>Honest men speak .... truth.</u>

(A) an (B) <u>the</u> (C) a (D) none of them

(vi) Choose the correct form of the indirect narration:

<u>He says, "I am weak in English."</u>

(A) **<u>He says that he is weak in English.</u>**
(B) He says that he was weak in English
(C) He says that I am weak in English
(D) He said that he is weak in English

(vii) Choose the correct negative form:

<u>She speaks English very well.</u>

(A) She do not speak English very well.
(B) **<u>She does not speak English very well.</u>**
(C) She is not speaking English very well.
(D) She will not speak English very well.

(viii) Choose the correct interrogative form:

<u>I am learning my lesson.</u>

(A) **<u>Am I learning my lesson?</u>** (B) Did I learn my lesson?
(C) Was I learning my lesson? (D) Do I learn my lesson?

(ix) Choose the correct meaning of the given phrase:

<u>A rainy day</u>

(A) A day of the rainy season. (B) A good time
(C) **<u>A difficult time</u>** (D) High time

(x) Select the proper degree of the adjective for the sentence:

<u>Ali is the .... Student in the class.</u>

(A) good (B) very good (C) better (D) **<u>best</u>**

(xi) Choose the correct active form:

<u>The Holy Quran is recited by me.</u>

(A) I recited the Holy Quran. (B) I have recited the Holy Quran.
(C) I am reciting the Holy Quran. (D) **<u>I recite the Holy Quran.</u>**

(xii) Choose the correct passive voice.

<u>He was planting a tree in the garden.</u>

(A) In the garden a tree was planted by him.
(B) **<u>A tree was being planted by him in the garden.</u>**
(C) A tree had planted in the garden by him.
(D) A tree has been planted by him in the garden.

(xiii) <u>Hazrat Muhammad (peace be upon him), the Prophet of Islam, was born in A.D:</u>

(A) 570 (B) **<u>571</u>** (C) 572 (D) 671

(xiv) Complete the given phrase:

<u>As brave as ....</u>

(A) a dog (B) a donkey (C) a monkey **(D) a lion**

(xv) Choose the most suitable preposition for the given sentence:

<u>Trust .... God and hope for the best.</u>

(A) **<u>in</u>** (B) for (C) at (D) into

ENGLISH 2010

Time: 2 ½ Hours Max. Marks: 60

Instruction: This paper consisting of Short-Answer Questions (Section "B") and Detailed-Answer Questions (Section "C") will be given after 30 minutes and its total duration will be 2 ½ hours only.

SECTION "B" (SHORT-ANSWER QUESTIONS)

2.(a) Attempt any 8 questions in three and four sentences each. (24)

(i) What does the Last Sermon of the Holy Prophet (peace be upon him) teach us?
(ii) Who was Shah Abdul Latif? What is the message of his poetry?
(iii) What does Moenjodaro mean? Where is it situated?
(iv) Where was Helen Keller born? When did she visit Pakistan and why?
(v) Where and when was Allama Muhammad Iqbal born? Why did he want a separate state for the Muslims of India?
(vi) Who was Fatima Jinnah? Why was she called Madar-i-Millat?
(vii) Why is 14th August 1947 an important date for us?
(viii) How are diseases caused?
(ix) What is our duty to our country?
(x) Where is Guddu Barrage built? What are the benefits of this barrage?

2.(b) Attempt any 4 questions in three to four sentences each. (12)

(i) Why does the poetess say that the 'Neem Tree' is unafraid?
(ii) Who wrote the poem Children? What is the central idea of this poem?
(iii) What are harness bells? Why does the horse shake his harness bells?
(iv) Who was Abou Ben Adhem? Why was his name on the top of the list?
(v) Who is a Miller? What was he singing about?
(vi) What is a daffodil? Where did the poet see the daffodils?

SECTION C (DETAILED-ANSWER QUESTIONS)(24)

3. Write an essay of about 100 to 120 words on any One of the following topics:

(i) A Dreadful Accident
(ii) Celebration of Eid-e-Milad-un-Nabi (S.A.W) at my School
(iii) Load-Shedding of Electricity in the Town
(iv) What I would like to be in Life

4. Write an application to the headmaster / headmistress of your school requesting him / her to issue you the transfer certificate (T.C.)

OR Write a letter to your friend inviting him / her to your birthday party.

5. Translate any five of the following sentences into English:

(۱) وہ انگریزی میں بہت اچھا ہے (۲) خدا بہتر جانتا ہے (۳) ضرورت ایجاد کی ماں ہے (۴) خدا ان کی مدد
کرتا ہے جو اپنی مدد آپ کرتے ہیں (۵) جب میں سو کر اٹھوں گا تو بازار جاؤں گا (۶) مجھے گزشتہ رات سے بخار ہے

6. Read the following passage and answer any Five questions given at the end:

Winter is the cold season of the year. We wear warm clothes in this season. The days are short and the nights are long. We eat a lot of dry fruit in winger. We also drink a lot of tea and coffee. It is the time for indoor games and for listening to stories in bed at night. We sleep indoors. For a wash, we get hot water. The winter months are November, December, January and February.

(i) How does winter differ from summer?
(ii) What fruit do we like to eat in winger?
(iii) What sort of clothes do we wear in winter season?
(iv) Why do we sleep indoors in winter?
(v) Which game do we like to play in winter?
(vi) Name the months of winter in our country.
(vii) Write the second & third forms of verb 'drink' & 'strike'.

OR Write a short note on any one of the following:
(i) Quaid-e-Azam (ii) Helen Keller
(iii) The Village Life in Pakistan

ENGLISH 2011

Time: 30 minutes Max. Marks: 15

SECTION "A" (COMPULSORY)(M.C.Q.S)

1. Choose the correct answer for each from the given options: (15)

(i) Choose the correct "Article for the given sentence:
----------- tea without sugar is yours.

(a) The (b) A (c) An (d) None of them

(ii) Choose the correct past perfect tense:
Zahid sings a song.

(a) Zahid has sung a song (b) Zahid sang a song
(c) Zahid had sung a song (d) Zahid will sing a song

(iii) Select the correct Passive Voice:
He will not catch a ball.

(a) A ball had not been caught by him.
(b) A ball will not be caught by him.
(c) A ball will not have caught by him.
(d) A ball was not being caught by him.

(iv) Choose the correct Active form:
Two cars were sold by her.

(a) She was sold two cars. (b) She has sold two cars.
(c) She sold two cars. (d) She had sold two cars.

(v) Choose the correct Passive form:
Nomads are pitching tents.

(a) **Tents are being pitched by Nomads.**
(b) Tents are pitched by Nomads.
(c) Tents were pitched by Nomads.
(d) Tents were being pitched by Nomads.

(vi) Choose the correct form of Indirect Narration:
I said to my friend, "Will you come tomorrow?"

(a) I asked my friend if you would come the next day.
(b) **I asked my friend if he would come the next day.**
(c) I asked my friend if he will come the next day.
(d) I asked my friend if you will come the next day.

(vii) Choose the correct form of Indirect Narration:
You forbade me to go there.

(a) You said to me, " Go there."
(b) **You said to me, " Don't go there."**
(c) You said to me, " Do you go there."
(d) You said to me, " You can go there."

(viii) Choose the correct meaning of the following phrase:
"With flying colours"

(a) With many colours. (b) With colourful articles.
(c) With good result. (d) With colourful birds.

(ix) **Mrs. Elsa Kazi wrote poetry in English & ------ languages**
(a) German (b) French (c) Sindhi (d) Spanish

(x) **The poem "The miller of the Dee" has been composed by ------------.**
(a) Charles Mackay (b) Henry Longfellow
(c) Robert Frost (d) Mrs. Elsa Kazi

(xi) **Choose the correct Affirmative Form:**
She does not speak English:
(a) She speak English. (b) She spoke English.
(c) She speaks English. (d) She does speak English.

(xii) **Choose the correct Negative form:**
He respects his elders.
(a) He did not respect his elders.
(b) He can not respect his elders.
(c) He will not respect his elders.
(d) He does not respect his elders.

(xiii) **Choose the correct Interrogative Form.**
The burglar break into the house?
(a) Does burglar break into the house?
(b) Does the burglar break into the house?
(c) Did the burglar break into the house?
(d) Did the burglar broke into the house?

(xiv) **Select the proper degree of the Adjective:**
He is ----------- tallest boy in the class.
(a) an (b) a (c) the (d) None of them

(xv) **Select the correct Preposition:**
We write ----------- a pen.
(a) of (b) off (c) with (d) from

ENGLISH 2011

Time: 2 ½ Hours **Max. Marks: 60**

Instruction: This paper consisting of Short-Answer Questions (Section "B") and Detailed-Answer Questions (Section "C") will be given after 30 minutes and its total duration will be 2 ½ hours only.

SECTION "B" (SHORT-ANSWER QUESTIONS)

2.(a) Attempt any 8 questions in three or four sentences each. (24)

(i) What were the principles on which the Islamic society was founded in Medina by the Holy Prophet (P.B.U.H)?

(ii) Why is Shah Abdul Latif called Bhitai? What other

qualities did he possess besides being a saint?

(iii) What do you know about the ruins of Moen-jo-Daro?

(iv) How old was Halen Keller when she fell ill? What happened to her?

(v) How did the Muslim women work for the Independence Movement?

(vi) What did Quaid-e-Azam say about education?

(vii) Who was Bi-Aman? Why is she remembered till today?

(viii) How do we get malaria? How do we get rid of this disease?

(ix) What did the Holy Prophet (P.B.U.H) do for the sick?

(x) Why is 14th August 1947 an important date for us?

(b) Answer any 8 questions in three or four sentences each. (12)

(i) What does the Neem Tree look like?

(ii) Who composed the poem, 'Abou Bin Adhem'? Why was Abou's name on the top of the list?

(iii) How are the children different from the poet? What does the poet mean by addressing the children, "For ye are living poems,"?

(iv) Who is Miller? Who is happier of the two, the Miller or the King?

(vi) What brings relief to the poet when he lies thoughtfully on his couch?

SECTION C (DETAILED-ANSWER QUESTIONS)(24)

3. Write an essay of about 100 to 120 words on any One of the following topics: (08)

(i) An Exciting Cricket Match.

(ii) Recent Flood in Pakistan. (iii) War against Terrorism

4. Write an application to the headmaster / headmistress of your school requesting him / her to allow your class to go on a picnic. (06)

OR Write a letter to your friend asking him / her to describe what he / she intends to do during the winter vacation.

5. Translate any 5 of the following sentences into English:

(۱) آپ کب سے انگریزی سیکھ رہے ہیں؟ (۲) میں آپ کی مدد نہ کر سکوں گا۔ (۳) میں ایئرپورٹ پہنچا تو جہاز اڑ چکا تھا۔ (۴) ہم رات کو اپنا ہوم ورک کر رہے تھے۔ (۵) وہ ایک دوسرے کو بہت عرصے سے جانتے ہیں۔ (۶) قطار میں رہ کر اپنی باری کا انتظار کیجئے۔ (۷) جتنی چادر ہے اتنے پاؤں پھیلاؤ۔

6. Read the following passage and answer the questions given at the end: (05)

The aeroplane is a wonderful invention. It has a long body with wings on either side. It has a tail and a radar for

controlling the directions. When it flies up in the air it look like a great bee. It is a very useful invention. It carries passengers across oceans, mountains and deserts. But it is source of great danger to mankind in war time. Aeroplanes are being used for bombing over the towns. Thus a very useful machine is providing to be a curse:

(i) What does an aeroplane look like?
(ii) What is the function of radar?
(iii) Why is an aeroplane called very useful invention?
(iv) Why can it be a curse and great danger to mankind?
(v) Make the noun of "Direct".

OR Write a short note on any one of the following:

(i) Allama Iqbal (ii) Village Life
(iii) Responsibilities of a Good Citizen

ENGLISH 2012

Time: 30 minutes Max. Marks: 15

SECTION "A" (COMPULSORY) (M.C.Q.)

1. Choose the correct answer for each from the given options: (15)

(i) Select the correct Passive Form:
He discovered the fact:
(A) The fact was discovered by him.
(B) The fact is discovered by him.
(C) The fact has been discovered by him.
(D) The fact is being discovered by him.

(ii) Choose the correct "Article for the given sentence:
----------- English are traditional people:
(A) A (B) An (C) The (D) None of these

(iii) Choose the correct present Indefinite tense:
He and I will take tea:
(A) He and I takes tea. (B) He and I took tea.
(C) He and I take tea. (D) He and I is taking tea.

(iv) Select the proper degree of the Adjective:
Rahila is a --------- girl.
(A) Best (B) Better (C) Good (D) None of these

(v) Select the correct Preposition:
We must be loyal and patriotic ---------- our country.
(A) With (B) From (C) To (D) Of

(vi) Choose the correct form of Indirect Narration:
He said, "Whose book is this?"

(A) **He asked whose book was that.**
(B) He asked whose book that was.
(C) He asked whose is this book.
(D) He asked whose book this.was.

(vii) Choose the correct form of Direct Narration:
I told them that they did not stick to what they said.
(A) I said to them, "You do not stick to what you say."
(B) **I said to them, "I do not stick to what you say."**
(C) I said to them, "You did not stick to what you say."
(D) I said to them, "You do not stick to what you said."

(viii) The poem 'Children' has been composed by:
(A) **Henry Longfellow** (B) Robert Frost
(C) Mrs. Elsa Kazi (D) Leigh Hunt

(ix) Major Aziz Bhatti was born in Hong Kong in:
(A) 1938 (B) 1948 (C) 1928 (D) 1920

(x) This is the meeting place for men in villages:
(A) Hotel (B) Farm House (C) The village well (D) Otaq

(xi) Choose the correct Affirmative Form:
She did not make a delicious cake.
(A) She marked a delicious cake.
(B) **She made a delicious cake.**
(C) She had made a delicious cake.
(D) She did make a delicious cake.

(xii) Choose the correct Negative Form:
Ali gets good grades.
(A) **Ali does not get good grades.**
(B) Ali did not get good grades.
(C) Ali does not gets good grades.
(D) Ali has not got good grades.

(xiii) Choose the correct Interrogative Form:
I take exercise in the morning.
(A) Did I take exercise in the morning?
(B) **Do I take exercise in the morning?**
(C) Am I take exercise in the morning?
(D) Does I take exercise in the morning?

(xiv) Select the correct Passive Voice:
Don't open the door to strangers.
(A) The door not opened to strangers.
(B) Let the door not opened to strangers.
(C) Let the door don't open to strangers.
(D) **Let the door not be opened to strangers.**

(xv) Choose the correct Active form:
What is this disease caused by?
(A) **What causes this disease?**
(B) What caused this disease?

(C) What does cause this disease?
(D) What is this disease caused?

ENGLISH 2012

Time: 2 ½ Hours Max. Marks: 60

Instruction: This paper consisting of Short-Answer Questions (Section "B") and Detailed-Answer Questions (Section "C") will be given after 30 minutes and its total duration will be 2 ½ hours only.

SECTION "B" (SHORT-ANSWER QUESTIONS)

2.(a) Attempt any 8 questions in three or four sentences each. (24)

(i) Why did the Holy Prophet (S.A.W) ask the believers to migrate to Madina?
(ii) Why did Shah Abdul Latif keep sitting on the bank of the lake near the mound?
(iii) What objects are on exhibition in the museum from the ruins of Moen-Jo-Daro?
(iv) Why do you think that Hellen Keller was a wonderful Lady?
(v) Why did Allama Iqbal want a separate state for the Muslims of India?
(vi) Who was Bi-Amman? Why is she remembered till today
(vii) What was the condition of the Muslim women before independence?
(viii) What are the problems facing our country? What has the government done to solve these problems?
(ix) What is Barrage? What are benefits of Guddu Barrage?
(x) What could have happened if the King had returned earlier from the Saint's Hut?

2.(b) Attempt any 4 questions in three or four sentences each. (12)

(i) How does the poetess compare the Neem Tree to Man?
(ii) How can the birds and the sunshine be in the hearts of the children? What does the poet mean?
(iii) Why can't the poet stay to enjoy the beauty of woods?
(iv) What did Abu Bin Adhem ask the Angel first time and what did the Angel reply?
(v) What did King say to the Miller in the last stanza of the poem, "The Miller of the Dee"?

SECTION C (DETAILED-ANSWER QUESTION)(24)

3. **Write an essay of about 100 to 120 words on any One of the following topics:** **(08)**

(i) Advantages and Disadvantages of Internet.
(ii) A visit to Historical place.
(iii) The Book I like the Most. (iv) The Ambition of life.

4. Write an application to the headmaster / headmistress of your school requesting him / her to allow your class to visit Pakistan Steel Mills, Karachi on a working day. **(06)**

OR Write a letter to your uncle in the U.K. asking for information about habit & customs of the English people

5. Translate any 5 of the following sentences into English:

(۱) اگر آپ کے گھر میں چور آجائے تو آپ کیا کریں گے؟ (۲) دن میں دو مرتبہ اپنے دانتوں کو برش کرو۔ (۳) آپ کا کنبہ گرمیوں کی چھٹیاں کہاں گزارے گا؟ (۴) پولیس کے آنے سے قبل مجرم بھاگ چکے تھے۔ (۵) آپ نے بہت سی غلطیاں کی ہیں۔ (۶) کتب بینی ایک بہترین مشغلہ ہے۔
(۷) اس نے مجھے رات کے کھانے پر بلایا ہے۔

6. **Read the following passage and answer the questions given at the end:** **(05)**

All boy scouts and girl guides know the name of Lord Baden Powell. He started boy scout movement about seventy five years ago. When he was a school boy, he was fond of spending his time in the fields and woods. He became interested in the little marks left by animals and people when they moved about. This is called 'Tracking' and he became very good at it. (Malaysian soldiers and Police use this method for catching bandits). Lord Baden Powell learned to move so silently and carefully that even birds and animals could not hear him.

(i) Who was Baden Powell?
(ii) What was he fond of when he was a boy?
(iii) What is tracking?
(iv) How do Malaysian soldiers and police use this method?
(v) Write the noun forms of 'Silent' and 'Careful'.

OR Write a note on any one of the following:
(i) Moen-Jo-Daro (ii) Hellen Keller (iii) Nursing

ENGLISH 2013

Time: 30 minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

(i) Choose the correct Interrogative Form:
She bought books.
(a) Did she buy books? (b) Did she buys books?
(c) Does she buy books? (d) Did she brought books?

(ii) Choose the correct preposition:
Mother told to divide the ice cream -------- my five friends
(a) among (b) with (c) between (d) over

(iii) Choose the correct present continuous tense:
All the children ----------- to pass the examination.
(a) tried (b) were trying (c) are trying (d) had tried

(iv) Choose the correct present perfect tense:
I -------- this way many times before.
(a) am traveling (b) traveled
(c) have traveled (d) had traveled

(v) Choose the correct name of the poet:
The poem "stopping by Woods" is written by.
(a) Henry Longfellow (b) James Henry Leigh Hunt
(c) William Wordsworth (d) Robert Frost

(vi) Choose the correct Negative Form:
She walks very fast;
(a) She does not walk very fast. (b) She did not walk very fast.
(c) She do not walks very fast. (d) She do not walk very fast.

(vii) Choose the correct year:
Major Aziz Bhatti was martyred in.
(a) 1948 (b) 1965 (c) 1956 (d) 1971

(viii) Choose the correct Active Voice:
A book was read by me.
(a) I had read a book. (b) I will read a book.
(c) I read a book. (d) I am reading a book.

(ix) Choose the correct Passive Voice:
A dog has bitten the boy.
(a) The boy was bitten by a dog.
(b) The boy had been bitten by a dog.
(c) The boy has been bitten by a dog.
(d) The boy was bit by a dog.

(x) Choose the correct Direct Narration:
She asked if I had found my passport.

(a) She said, "Did you found your passport?"
(b) **She said, "Have you found your passport?"**
(c) She said, "Had you find your passport?"
(d) She said, "Is the passport found?"

(xi) Choose the correct Article:
Ali is --------- only son of this family.
(a) **the** (b) an (c) a (d) none of them

(xii) Choose the correct Indirect Narration:
He said, "I am going to the market to get some vegetables."
(a) He said that he is going to the market to get some vegetables.
(b) **He said that he was going to the market to get some vegetables.**
(c) He said that I went to the market to get some vegetables.
(d) He said that he had gone to the market to get some vegetables.

(xiii) Choose the suitable Word:
"The Neem Tree", according to Elsa Kazi is.
(a) strong (b) **steadfast** (c) bold (d) all of these

(xiv) Choose the correct Word:
There are very ---------- students who are willing to help.
(a) a few (b) little (c) **few** (d) many

(xv) Choose the correct Year:
Helen Keller was born in .... A.D.
(a) 1908 (b) **1880** (c) 1882 (d) 1890

ENGLISH 2013

Time: 2 ½ Hours **Max. Marks: 60**

Instruction: This paper consisting of Short-Answer Questions (Section "B") and Detailed-Answer Questions (Section "C") will be given after 30 minutes and its total duration will be 2 ½ hours only.

SECTION "B" (SHORT-ANSWER QUESTIONS)

2.(a) Attempt any 8 questions in three or four sentences each. **(24)**

(i) How is malaria caused? How can we control it?
(ii) What role did Ra'ana Liaquat Ali Khan play in the Pakistan Movement?
(iii) Who was Florence Nightingale? Where was she trained to be a nurse?
(iv) What do you know about the academic achievements of Allama Iqbal?
(v) How can we get benefits from a barrage?

(vi) What is Shah Latif's contribution to the music of this time?
(vii) What was Major Aziz Bhatti's reply to his Commanding Officer?
(viii) What different objects were discovered from the ruins of Meon-jo-Daro?
(ix) What are our duties as a good citizen?
(x) Write three main points of the last sermon of the Holy Prophet (S.A.W).

2.(b) Attempt any 4 questions in three or four sentences each. (12)

(i) How can you say that the Miller is a happy person?
(ii) Under what conditions was the poet of the poem," The Daffodils", recall the scene of the daffodils?
(iii) Why does the poet call children, 'living poem'?
(iv) What do you know about Elsa Kazi?
(v) Why did Abou-Ben-Adhem receive Lord's blessing?
(vi) What sounds were heard by Frost in the woods?

SECTION C (DETAILED-ANSWER QUESTION)(24)

3. Write an essay of about 100 to 120 words on any One of the following topics: (08)

(i) How can we maintain our health?
(ii) An unforgettable school functions.
(iii) A picnic on the seaside. (iv) Our national hero.

4. Write an application to the headmaster / headmistress of your school requesting him / her to get more reference books for the library. **(06)**

OR Write a letter to your uncle thanking him for his birthday gift.

5. Translate any 5 of the following sentences into English:

(۱) آج کل دہشت گردی بڑھ گئی ہے۔ (۲) علم حاصل کرنا تمام مسلمانوں پر فرض ہے۔ (۳) وہ میرا انتظار کر رہا ہوگا۔ (۴) بچے کچھ دیر پہلے سڑک پر کھیل رہے تھے۔ (۵) مگرمچھ ایک خطرناک جانور ہے۔ (۶) وہ پانچ سال پہلے یہاں رہتے تھے۔ (۷) کیا آپ نے حج ادا کیا ہے؟

6. Read the following passage and answer the questions given at the end: (05)

Women in Greece experienced a busy, but stress free life. Every day they would arise early to fetch water from the well because there was no plumbing in the house. Then they would prepare the food for later, before saying their prayers. Mid morning was also a busy time during which the women would put on their veils and go with their slaves to the market

to buy food for the next day. By midday, everyone was hungry, so the women used to serve the food they had cooked in the morning. Some women used to spend the afternoon in spinning. Others preferred to sew. However, all of them used to bathe before the evening meal. This meal was a communal occasion which some relations used to join the family. Rich families used to entertain lavishly. They would , hire professional entertainers like dancers and musicians.

(i) From where did the women fetch water?
(ii) Why did the women go to the market?
(iii) How did they spend their afternoon?
(iv) How did the rich families use to entertain?
(v) Give the nouns of 'hungry' and 'entertain'.

OR Write a note on any one of the following:

(i) Miss Fatima Jinnah (ii) The Secret of Success
(iii) Moen-Jo-Daro

ENGLISH 2014

Time: 30 minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

(1) Pick out the correct Interrogative form:
Noman bet on the final cricket match last Sunday.
(a) Do Noman bet on the final cricket match last Sunday?
(b) Does Noman bet on the final cricket match last Sunday?
(c) Had Noman bet on the final cricket match last Sunday?
(d) Was Noman bet on the final cricket match last Sunday?

(2) Select the correct Negative form:
I had to buy a pen.
(a) I do not have to buy a pen.
(b) I did not have to buy a pen.
(c) I had not to buy a pen. (d) I had to do not buy a pen.

(3) Choose the correct Assertive form:
Will you have been studying the history?
(a) You will have being study the history.
(b) You will have been study the history.
(c) You will have been studying the history.
(d) You will study the history.

(4) Pick out the correct passive voice:
Who wrote the story?
(a) By whom was this story written?
(b) By whom this story was written?
(c) This story is written by whom?
(d) This story was written by whom?

(5) Select the correct Active Voice:
Lame excuses are made by her.
(a) She made Lame excuses.
(b) She is making Lame excuses.
(c) She makes Lame excuses.
(d) She will make Lame excuses.

(6) Choose the correct indirect Narration:
He said to me, "How is your health now?"
(a) He asked me how his health was then.
(b) He asked me how my health is then.
(c) He asked me how my health was then.
(d) He said to me how is my health now.

(7) Select the correct Direct Narration:
My mother advised me to get up early in the morning.
(a) My mother said to me, "Get up early in the morning."

(b) My mother said me, "To get up early in the morning.
(c) My mother said, "You get up early in the morning."
(d) My mother said to me, "Get up you early in the morning.

(8) Choose the correct Punctuated sentence.
she said to raja what do you want
(a) She said to raja, what do you want?
(b) She said to Raja, "what do you want?"
(c) She said to Raja, what do you want?
(d) She said to Raja, what do you want?"

(9) Pick out the correct meaning:
In the poem "Children" the word "Tender" means:
(a) hard (b) delicate (c) slow (d) fit

(10) Choose the correct date.
All Pakistan Educational Conference was held in Karachi on --------- 1947.
(a) 25th December (b) 14th August
(c) 27th November (d) 23rd March

(11) Choose the correct word.
"To feed my babies and me".
(a) Nurse (b) The Miller (c) The King (d) Baby

(12) Choose the correct Article:
This is -------- girl who stood first in the school.
(a) a (b) an (c) the (d) none of these

(13) Pick out the correct Preposition:
Let me glance ------- the headlines:
(a) on (b) at (c) over (d) none of these

(14) Select the simple past tense:
They will leave for London.
(a) They leave for London. (b) They had left for London.
(c) They have left for London. (d) They left for London.

(15) Choose the Present Perfect Continuous Tense:
She has sold her car.
(a) She will have been selling her car.
(b) She has been selling her car.
(c) She is selling her car.
(d) She had been selling her car.

ENGLISH 2014

Time: 2 ½ Hours Max. Marks: 60

SECTION "B" (SHORT-ANSWER QUESTIONS)

2.(a) Attempt any 8 questions in three or four sentences each. (24)

(i) What did the Prophet (P.B.U.H) finally say? How can we achieve our former greatness in the world?

(ii) What did Shah Latif's collection of poetry come to be called and why is this collection so valued?
(iii) What is the probable age of Moen-jo-Daro? How did the people of this city live?
(iv) How did Helen Keller learn to speak again?
(v) How did the Quaid-e-Azam praise Iqbal's role in a message on his death?
(vi) How do flies carry germs to our food and how do they make us ill?
(vii) What does "Nursing" mean? Where did the Holy Prophet (P.B.U.H.) establish a hospital under whose inchargeship?
(viii) What did the Quaid-e-Azam say on 14th August 1948 at the First Annual Celebration of Pakistan?
(ix) What happened when societies grew larger?
(x) How many canals does the Guddu Barrage have and where?

2.(b) Attempt any 4 questions in three or four sentences each. (12)

(i) Who wrote the poem "The Neem Tree"? What according to thepoetess is the highest aim of life?
(ii) What kind of poetry did William Wordsworth compose? What is the theme of the poem "The Daffodils"?
(iii) Who composed the poem "Children"? With what does the poet compare thoughts and why does he do so?
(iv) Which poem Robert Frost wrote? Why should the horse think it strange to stop between the woods and frozen lake?
(v) Who wrote the poem "The Miller of the Dee"? Why did the King Hal say that he was wrong?
(vi) Which poem was written by J.H.Leigh Hunt? What is the central idea of this poem?

3. Write an essay of about 100 to 120 words on any One of the following topics: (08)

(i) The happiest day of my life. (ii) Science in education.
(iii) A prize giving ceremony. (iv) The library and its uses

4. Write an application to the headmaster / headmistress of your school to allow you for participating in Students Week held by Board of Secondary Education Karachi.(6)

<u>OR</u> Write a letter to your younger brother advising him to leave society of bad friends and to be regular in studies.

5. Translate any 5 of the following sentences into English:

(۱) نعمان چوکے اور چھکے لگا رہا تھا۔ (۲) آپ کس سے ملاقات کرنا چاہتے ہیں؟ (۳) چمن ہمیشہ پاکستان کا ساتھ دے گا۔ (۴) مجھے پہلے بولنے دو۔ (۵) صبح تک بارش رک چکی ہوگی۔ (۶) آج کا کام کل پر مت چھوڑو۔

6. Read the following passage and answer the questions given at the end: (05)

The Basant is a festival of Kite flying. It is celebrated al over Pakistan especially in the province of Punjab. It comes off towards the middle of February. It marks the end of winter and the beginning of the spring season. People compete with one another in kite flying. And they cry oat the top of their voices, when a kite is cut off.

(i) What is Basant?

(ii) Where is it celebrated especially?

(iii) When does it come and what does it mark?

(iv) What does people do in this festival and what is the reaction of people on cutting off a kite?

(v) Make the nouns of "fly" and "compete".

OR Write a note on any one of the following:

(i) Bi Aman (ii) The Villagers of Pakistan

(iii) The Great War Hero

ENGLISH **Paper I** **2015**

Time: 3 Hours **Max. Marks: 75**

Time: 30 Min. **Section "A" Multiple Choice Questions (MCQ's)** **Marks: 15**

Q.1. Choose correct answer for each question from the given options:-

i. Select proper degree of the adjective:
Bilal is the ...... boy in the class.
(a) tall (b) very tall ***(c) tallest*** (d) taller

ii. Choose the correct structure of sentence:
Went for friends my all a picnic.
(a) My all friends went for a picnic.
(b) My friends all went for a picnic.
(c) All my friends went for a picnic.
(d) My friends went all for a picnic.

iii. *Helen Keller visited Pakistan in:*
(a) 1955 ***(b) 1956*** (c) 1957 (d) 1958

iv. *Abou Ben Adhem was a:*
(a) Villager (b) Writer ***(c) Saint*** (d) King

v. Change the Narration.
Mother asked me if I wasted my time.
(a) Mother said to me, "Did you waste your time?"
(b) Mother said to me, "Do you waste your time?"
(c) Mother said to me, "You waste your time?"
(d) Mother said to me, "Did I waste his time?"

vi. Select the correct word.
Main drink of village is:
(a) Coke (b) Tea ***(c) Lassi*** (d) Juice

vii. Choose the correct form of Indirect Narration:
Ayesha forbade to pluck the flowers.
(a) Ayesha said, "Do not pluck the flowers."
(b) Ayesha said, "Pluck the Flowers."
(c) Ayesha said, "You should not pluck the flowers."
(d) Ayesha said, "Not pluck the flowers."

viii. Choose the correct Article:
I take .... eggs in the morning daily.
(a) a (b) the (c) an ***(d) none of these***

ix. Pick out the correct preposition:
Swat is famous ..... its natural beauty.
(a) with (b) at (c) of ***(d) for***

x. Choose the correct negative sentence:
You do your work.
(a) You do not your work (b) You did not do your work
(c) You does not do your work ***(d) You do not do your work.***

xi. Choose the correct Passive Voice form:
Boil the milk.
(a) Milk is boiled (b) Let the milk boiled
(c) Let the milk be boiled. (d) Let the milk boil.

xii. Choose the correct Active form:
Toys were bought by parents.
(a) Parents were bought toys.

(b) Parents have bought toys.
(c) Parents had bought toys.
(d) Parents bought toys.

xiii. Choose the correct Affirmative form:
We should not ask the question.
(a) We should ask the question.
(b) We shall ask the question.
(c) We ask the question.
(d) We would ask the question.

xiv. Pick out the most appropriate word:
As hard as ....:
(a) copper *(b) iron* (c) gold (d) silver

xv. Fill in the blanks:
A man who entertain guest is called a ....
(a) host (b) hostess (c) musician (d) singer

Time: $2\frac{1}{2}$ Hours *SECTION "B" & "C"* *(Total Marks 60)*

Section "B" (Short-Answers Questions) (36 Marks)

2(a) Answer any EIGHT of the following questions in three to four sentences each: (24)

i. Why should we read the Holy Quran daily?
ii. What is the message of Shah Abdul Latif to us?
iii. Name some objects found from Moen-jo-daro which are kept in the Museum.
iv. Who was Miss Sullivan? How did she teach Helen Keller?
v. How did Begum Rana Liaquat Ali Khan help her husband in the Pakistan Movement?
vi. When and where was Quaid-i-Azam born? What did he do upto the age of sixteen?
vii. Where do the mosquitoes live? What is used to kill them?
viii. What lesson do you learn from the martyrdom of Major Aziz Bhatti?
ix. Who was Florence Nightingale? Where did she go for training as a nurse?
x. Write three responsibilities of a good citizen.

2(b) Answer any FOUR of the following questions in three to four sentences each: (12)

i. What is the theme of the poem "The Neem Tree"? Who wrote this poem?
ii. What was the question that was disturbing Henry Longfellow?
iii. What did the poet feel looking at the daffodils?
iv. What are the harness bells? Why did the horse shake his harness bells?
v. "I thank the river Dee" Who is the speaker of these words? why is he thankful to the river Dee?
vi. "Nay, not so". Who said these words and what did Abou Ben Adhem request him?

Section "C" (Detailed-Answers Questions) (24 Marks)

Note: Answer all the questions of this section.

Q.3. Write an essay on any one of the following topics: (08)

i. My ideal Personality
ii. A cricket Match between Pakistan and India
iii. Blessing of Internet
iv. An Overnight Picnic by the Sea-side

4. Write an application to the Headmaster/Headmistress of your school requesting him/her to allow your class to visit Pakistan Steel Mills Karachi.

OR Write a letter to your younger sister advising her to join cooking classes.

5. Translate any FIVE of the following sentence into English:

۱۔ دو اور دو چار ہوتے ہیں۔ ۲۔ اسلام ایک سچا مذہب ہے۔

۳۔ کیا دوپہر سے بوندا باندی ہو رہی ہے؟ ۴۔ مدیحہ اپنی بہن سے بہت محبت کرتی ہے۔

۵۔ ہمیں گونگے اور بہرے بچوں سے بھی محبت کرنی چاہیے۔

۶۔ جب ارشد امتحانی سینٹر پہنچا تو امتحان شروع نہیں ہوا تھا۔ ۷۔ وہ کب اسلام آباد گیا؟

6 Read the following passage and answer the questions given below: (06)

The Arabs were equally corrupt in the field of religious life. They were idol-worshippers and were steeped in every kind of superstition. They divided their Gods into male and female. There were 360 idols in the Kabah. The Arabs used to worship them till they were vanished by the Holy Prophet Muhammad (P.B.U.H.). He inspired the idol worshippers with the idea of one God. Within a brief span of about twenty-three years the Arabs were transformed into a religious nation.

i. What were the Arabs in the field of religious life?
ii. How many idols were in the Kabah?
iii. By whom were the idols vanished and how?
iv. In how many years did the Arabs transform into a religious nation.
v. Write the noun forms of 'Corrupt' and 'Transform'.

OR Write a note on any ONE of the following topics:

i. The Last Sermon of the Holy Prophet Muhammad (P.B.U.H.)
ii. Guddu Barrage
iii. Health is wealth.

ENGLISH 2016

Time: 30 minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

(ii) Choose the correct Active Voice:

Many prizes were won by her.

- She wins many prizes. • She won many prizes.
- She is winning many prizes.
- She will win many prizes.

(ii) Choose the correct Past Perfect Tense:

I drank a glass of orange juice.

- I am drinking a glass of orange juice.
- I have drunk a glass of orange juice.
- I will drink a glass of orange juice.
- I had drunk a glass of orange juice.

(iii) Choose a proper degree of the Adjective.

Faiza is the ------ student of the class.

- best • Good • very good • better

(iv) Choose the correct Preposition.

His heart was soon filled ------- the love of God.

- with • of • to • in

(v) Choose the correct Affirmative form:

Salma does not make a noise:

- Salma does make a noise. • Salma makes a noise.
- Salma make a noise. • Salma made a noise.

(vi) Choose the correct Answer:

Our Holy Prophet (S.A.W) performed Hajj in the ------ year of Hijra. • 9th • 10th • 11th • 12th

(vii) Choose the correct form of Direct Narration:

Ahmed said that he was sleeping in that room.

- Ahmed said, "He was sleeping in that room."
- Ahmed said, "I am sleeping in this room."
- Ahmed said, "He is sleeping in this room."
- Ahmed said, "He was sleeping in this room."

(viii) **The poem "The Miller of the Dee" is written by:**

- Robert Frost • J.H. Leigh Hunt
- Charles Mackay • William Words Worth

(ix) **The opposite of 'ancient' is:**

- modern • new • old • aged

(x) Choose the correct Article:

My uncle is -------- honest man.

- A • the • <u>an</u> • None of these

(xi) Choose the correct Negative Form:

She speaks English very well.

- She do not speak English very well.
- <u>She does not speak English very well.</u>
- She is not speaking English very well.
- She will not speak English very well.

(xii) Choose the correct Interrogative Form:

I committed a mistake.

- Do I commit a mistake? • Do I committed a mistake?
- Have I committed a mistake?
- <u>Did I commit a mistake?</u>

(xiii) Select the Correct Passive Voice:

A dog has bitten the boy.

- The boy was bitten by a dog.
- The boy had been bitten by a dog.
- The boy was bit by a dog.
- <u>The boy has been bitten by a dog.</u>

(xiv) Select the Correct Assertive Form:

Do they attend their classes?

- They do not attend their classes.
- They did not attend their classes.
- <u>They attend their classes.</u>
- Did they attend their classes.

(xv) Select the Correct Direct Narration:

She told me that she did not like the Pizza.

- She told me, "I did not like the pizza."
- She said to me, "I have not liked the pizza."
- <u>She said to me, "I do not like the pizza."</u>
- She told me, "I will not like the pizza."

ENGLISH 2016

Time: 2 ½ Hours Max. Marks: 60

SECTION "B" (SHORT-ANSWER QUESTIONS)

2.(a) Attempt any 8 questions in three or four sentences each. (24)

(i) Write four main points of the Last Sermon of the Holy Prophet (S.A.W)

(ii) What message did Quaid-e-Azam give to the people of Pakistan on 14 August 1948?
(iii) Who was Shah Abdul Latif? What other qualities did he possess besides being a saint?
(iv) Why did Allama Iqbal want a separate state for the Muslims of India?
(v) What is our duty to our country?
(vi) What is the moral of the lesson "The Secret of Success"
(vii) Who was Miss Sullivan? How did she teach Helen Keller
(viii) Who are the important persons in a village? What type of life do the villagers lead in Pakistan?
(ix) Who was Miss Fatima Jinnah? Why is she called Madr-i-Millat?
(x) What must we do to be a good Muslim?

(b) Answer any Four of the following questions in three to four sentences:

(i) What does the Neem Tree look like?
(ii) What happens to the poet William Wordsworth when he lies on his coach?
(iii) How are children different from the poet?
(iv) Who wrote the poem "The Miller of the Dee" and why was the miller happier than the king?
(v) What did Abu Ben Adhem ask the angel first time and what did the angel reply?
(vi) Why can not poet say to enjoy the beauty of the woods?

SECTION C (DETAILED-ANSWER QUESTION)(24)

3. Write an essay of 100 to 120 words on any One of the following topic

(i) My favourite personality. (ii) Main problems of Karachi
(iii) Flower Festival in Zoological Garden.
(iv) Importance of Games and Sports in our life.

4. Write an application to the Headmaster/Headmistress of your school requesting him./her to allow your class to go on a picnic.

OR Write a letter to your friend congratulating on his / her success with A-One Grade in the Annual Examination.

5. Translate five of the following sentences into English.

(۱) پوری پاکستانی قوم مادرِ ملت کا احترام کرتی ہے۔ (۲) بری عادتیں چھوڑ دو۔ (۳) اچھے بچے ہمیشہ اپنے بزرگوں کا احترام کرتے ہیں۔ (۴) کل تم اسکول کیوں نہیں آئے تھے۔ (۵) کیا کل ہم میچ جیت جائیں گے؟ (۶) میں سو کر اٹھوں گا تو گھر کا کام کروں گا۔ (۷) جب میں شادی ہال پہنچا تو کچھ مہمان آچکے تھے۔

ENGLISH 2017

Time: 30 minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

1. Choose the correct Article:

   My uncle is -------- honest man.

- a • the • an • none of these

2. Select the Correct Direct Narration:

   She told me that she did not like the Pizza.

- She told me, "I did not like Pizza."
- She said to me, "I have not liked the Pizza."
- She said me, "I do not like the Pizza."
- She told me, "I will not like the Pizza."

3. Pick out the correct Preposition.

   Sawat is famous ---------- its natural beauty.

- with • at • of • for

4. Choose the correct Affirmative form:

   We should not ask the question.

- We should ask the question.
- We shall ask the question. • We ask the question.
- We would ask the question.

5. Choose the correct year:

   Helen Keller visited Pakistan in.

- 1955 • 1957 • 1958 • 1956

6. Pick out the correct Interrogative Form:

   Ali had bet on final cricket match last Sunday.

- Do Ali bet on the final cricket match last Sunday?
- Does Ali bet on the final cricket match last Sunday?
- Had Ali bet on the final cricket match last Sunday?
- Have Ali bet on the final cricket match last Sunday?

7. Choose the correct Active Voice:

   A book was read by me.

- I had read a book. • I will read a book.
- I read a book. • I am reading a book.

8. Choose the correct Passive Voice:

   He discovered the fact.

- The fact was discovered by him.
- The fact is discovered by him.
- The fact has been discovered by him.
- The fact is being discovered by him.

9. Choose a proper degree of the Adjective:

Saniya is a -------- girl.

- best • better • good • none of these

10. Choose the correct Negative Form:

She speaks English very well.

- She do not speak English very well.
- She does not speak English very well.
- She is not speaking English very well.
- She will not speak English very well.

11. Choose the correct meaning of the given Phrase:

A rainy day.

- A day of the rainy season • A good time.
- A difficult time. • High time

12. Choose the correct Indirect Narration:

The teacher said to me, "Why did you not come to school yesterday?"

- The teacher told me why he had not come to school the last day.
- The teacher asked me why I had not come to school the last day.
- The teacher said to me why they had not come to school the last day.
- The teacher asked me why he had not come to school the last day.

13. Choose the correct word:

Abou Ben Adhem was a:

- Poet • Saint • Writer • King

14. Choose the correct year:

Hazrat Muhammad (P.B.U.H) the prophet of Islam was born in A.D. • 560 • 571 • 572 • 671

15. Select the correct Preposition:

We write ---------- a pen. • of • off • with • from

ENGLISH 2017

Time: 2 ½ Hours Max. Marks: 60

SECTION "B" (SHORT-ANSWER QUESTIONS)

2.(a) Attempt any 8 questions in three or four sentences each. (24)

(i) When did the Holy Prophet (P.B.U.H.) perform Hajj? Where did he deliver his Last Sermon?

(ii) What do you know about the poetry of Shah Abdul Latif?

(iii) How old was Helen Keller when she fell ill? Why do you think that Helen Keller is a wonderful lady?

(iv) What things are kept in the museum of Moen-jo-Daro?

(v) How did the Muslim women work for the independence movement?

(vi) What influence does the Imam of the mosque exercise on the villagers?

(vii) How do we get Malaria? How can we get rid of it?

(viii) Why will the name of Major Aziz Bhatti be written in letters of gold?

(ix) What is a barrage? What are the benefits of the Guddu Barrage?

(x) What role did Florence Nightingale play in Crimean war?

(b) Answer any Four of the following questions in three to four sentences:

(i) Who composed the poem "The Neem Tree"? Write few lines about him/her.

(ii) What happens to the poet when he lies on his couch?

(iii) What does the poet mean by saying that the children open the windows that look to the east?

(iv) What are harness bells? Why does the horse shake his bells? (v) Who is Miller? What was he singing about?

(vi) What did Abou Ben Adhem ask the angel and what was his reply?

SECTION C (DETAILED-ANSWER QUESTION)(24)

3. Write an essay of 100 to 120 words on any One of the following topic

(i) Our National Hero (ii) Health is wealth.
(iii) The Importance of Technical Education
(iv) The pen is Mightier than the Sword.

4. Write an application to the Headmaster/Headmistress of your school requesting him/her to allow your class to visit a Science Exhibition at Expo Centre.

OR Write a letter to your younger brother, advising him to work hard for the Annual Examination.

5. Translate five of the following sentences into English.

(۱) اسلام ایک سچا مذہب ہے۔ (۲) اس نے مکان خرید لیا ہے۔ (۳) میں نے اسے ایک تحفہ بھیجا۔
(۴) کتب بینی ایک بہترین مشغلہ ہے۔ (۵) میں آپ کی مدد ضرور کرونگا۔ (۶) بادل آدھی رات سے
آسمان پر گرج رہے ہیں۔ (۷) کیا تم کرکٹ کھیلتے ہو؟

6. Read the following passage and answer the question given at the end:

Pakistan is full of beautiful natural scenery. In the north are the snow-capped mountains with their silvery waterfalls and cool lakes. The central part consists of the fertile green plains of the Punjab and the Sindh. Then there are the rocky regions of Balochistan and the beautiful shore of the Arabian sea. These geographical variations are reflected in the customs of the people of various regions of our country.

(i) Where are the snow-capped mountains?
(ii) What does the central part of Pakistan consist of?
(iii) Which region of Pakistan is made of hard rocks?
(iv) What do the customs of various regions of Pakreflect?
(v) Write the opposite of 'fertile'.

OR Write a note on any One of the following:-

(i) Nursing, (ii) Helen Keller.
(iii) Responsibilities of a Good Citizen.

ENGLISH 2018

Time: 30 minutes **Max. Marks: 15**

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

1. Choose the Present Perfect Continuous Tense:
   She has sold her car.
   - She will have been selling her car.
   - She has been selling her car.
   - She is selling her car. • She had been selling her car.
2. Choose the correct name of the poet:
   The poem "Stopping By Woods on a Snowy Evening" is written by:
   - Henry Longfellow • James Henry Leigh Hunt
   - William Wordsworth • Robert Frost
3. Complete the given Phrase:
   As brave as --------
   - A dog • A donkey • A monkey • A lion
4. Choose the correct Active Voice:
   He was given a gift by me.
   - He gave me a gift. • I was given a gift to him.
   - I have given him a gift. • I gave him a gift.
5. Change the correct Passive Voice:
   Who has stolen my cash box?
   - By whom cash box has been stolen?
   - By whom has my cash box been stolen?
   - By whom has my cash box stolen?
   - By whom have my cash box been stolen?
6. Select the correct Direct Narration:
   He said that everyone is to die.
   - He said, "Everyone was to die."
   - He said, "Everyone had to die."
   - He said, "Everyone shall have to die."
   - He said, "Everyone is to die."
7. Choose the correct Indirect Narration:
   He said to me, "I have done my work."
   - He told me that he has done his work.
   - He told me that he had done his work.
   - He told me that he had done my work.
   - He told me that he will have done my work.

8. Select the correct answer:
Guddu Barrage is built on the river:
- Chenab • Ravi • Jehlum • Indus

9. Select the antonym of:
"malority"
- inferiority • prosperity • minority • superiority

10. Choose the suitable preposition:
Trust ------- God and hope for the best.
- at • for • in • into

11. Select the correct Article:
Would you like to be --------- English teacher?
- a • an • the • none of these

12. Pick out the synonym of the word:
"Admire":
- Praise • prosperity • attractive • soft

13. Select the correct punctuated sentence:
The officer shouted what are you doing here
- The officer shouted "What are you doing here?
- The officer, shouted What are you doing here?
- The officer shouted, "What are you doing here?"
- The officer shouted, "What are you doing here."

14. Select the correct Interrogative sentence:
He deals honestly with his customers.
- Did he deal honestly with his customers?
- Do he deal honestly with his customers?
- Does he deal honestly with his customers?
- Does he deals honestly with his customers?

15. Choose the correct Negative sentence:
I have my own glasses.
- I have not my own glasses.
- I did not have my own glasses.
- I shall not have my own glasses.
- I had not my own glasses.

ENGLISH 2018

Time: 2 ½ Hours Max. Marks: 60

SECTION "B" (SHORT-ANSWER QUESTIONS)

2.(a) Attempt any 4 questions in three or four sentences each. (8)

(i) Why did the Quraish not accept the invitation of the Holy Prophet (P.B.U.H).

(ii) What is Shah Latif's contribution to the music of his time? Which musical instrument did he invent?
(iii) What did Allama Iqbal say about Islam in his presidential address in 1930?
(iv) What was Quaid-e-Azam's vision about the different communities?
(v) What is the moral of the lesson "The Secret of Success"
(vi) Why is 14th Aug. 1947 an important date for every Pakistani?

(b) Answer any Two of the following questions in three to four sentences: (4)

(i) Why does the poetess say that the "Neem Tree" is unafraid?
(ii) What was the question that perplexed Henry Longfellow? How did he get rid of it?
(iii) Who is the miller and where does he dwell? What was he singing about?
(iv) What did Abou Ben Adhem ask the angel when he appeared the first night?

3. Explain with reference to the context: (Prose)(6)

"Do not recall me, I don't want to go back. I will shed the last drp of my blood in the defence of my dear homeland."

(i) Name the speaker and the lesson.
(ii) Why did his commanding officer want him to take a little rest? (iii) Why did the speaker not want to go back?

4. Explain with reference to the context: (Poem) (6)

He gives his harness bells a shake
To ask if there is same mistake,
The only other sound's the sweep
Of easy wind and downy flake.

(i) Name the poem and the poet.
(ii) Why does the horse shake his harness bell?
(iii) What kind of scene does the poet describe?

5. Support the missing contextual words or phrases: (Attempt any six) (6)

(i) The Holy Prophet (P.B.U.H) migrated to Madina in ----- A.D
(ii) Only the -------- of a person, makes him superior to others.
(iii) The collective of Shah Latif's poetry is called --------.
(iv) The best find of Moen-jo-Daro is the head of a --------.
(v) My little horse must: think it ---------.
(vi) problems facing Pak. are poverty, illiteracy and --------.
(vii) A man who takes part in politics is called a --------.

(viii) The miller lived beside the river ---------.

6. Use any six of the following idioms phrases in sentences of your own. (6)

To look after; side by side; once again; letters of gold; goal of life; break up; to see eye to eye; flying colours.

SECTION C (DETAILED-ANSWER QUESTION)(24)

7. Write an essay of 100 to 120 words on any One of the following topic (8)

(i) My Most Favourite country, Pakistan.
(ii) Values of Sports and Games
(iii) A Picnic at Seaside
(iv) Importance of Computer Studies.

8. Write an application to the Headmaster / Headmistress of your school requesting him / her to issue you a transfer certificate . (6)

OR Write a letter to your friend telling him / her about your favourite hobby.

OR Write a dialogue between two friends discussing about the Importance of preparing for the annual examination.

9. Translate five of the following sentences into English.

(۱) میرے پاس ایک خوبصورت سفید گھوڑا ہے۔ (۲) کیا تم نے سبق یاد کرلیا ہے۔ (۳) وہ میرا انتظار کررہا ہوگا۔ (۴) لوگ کافی دنوں سے بارش کی دعا کررہے ہیں۔ (۵) کیا پیاسا کوا پانی کی تلاش میں ادھر ادھر اڑ رہا تھا؟ (۷) وہ کیوں دیر سے اسکول آیا۔ (۸) خدا انکی مدد کرتا ہے جو اپنی مدد کرتے ہیں۔

10. Read the following passage and answer the questions given below: (5)

The farmer leads a very simple life. He lives in an ordinary thatched house or hut which consists of two or three rooms. There is no gateway but a narrow opening to enter the room. He works in his small fields the whole day long till evening. His wife helps him in his outdoor duties too. She looks after children, cooks meals and grows food crops for her husband. The farmer brings things from the market, collects wood for use as fuel and rears cattle.

(i) What sort of house does a farmer live in?
(ii) What duties does a farmer perform?
(iii) How does farmer's wife help him at every step of life?
(iv) Give noun of; simple and enter.
(v) Give a suitable title to this passage.

OR Write a note on any one of the following:

(i) Allama Iqbal (ii) Moen-jo-Daro
(iii) The Role of Imam in villagers Life.

ENGLISH 2019

Time: 30 minutes | Max. Marks: 15

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (15)

1. Select the correct Article:
   He is -------- M.A. in English.
   - a • an • the • none of these
2. Choose the correct preposition:
   My uncle lives --------- Sukkur.
   - in • at • within • upon
3. Choose the correct part of speech:
   A word that is used in place of a noun, is called.
   - a verb • an adverb • an interjection • a pronoun
4. Pick out the synonym of the word "misfortune":
   - luck • adversity • impartiality • fortune
5. Choose the correct Affirmative form:
   He did not make a delicious cake for guests yesterday.
   - He did make a delicious cake for the guests yesterday.
   - He made a delicious cake for the guests yesterday.
   - He had make a delicious cake for the guests yesterday.
   - He makes a delicious cake for the guests yesterday.
6. The meaning of 'queer' is:
   - Happy • Strange • Puzzled • Fear
7. Select the correct year:
   Allama Iqbal was elected as a member of the Punjab Legislative Council in:
   - 1924 • 1926 • 1930 • 1932
8. Choose the correct Interrogative form:
   The burglar breaks into the house.
   - Does the burglar break into the house?
   - Did the burglar break into the house?
   - Does the burglar breaks into the house?
   - Did the burglar broke into the house?
9. Choose the correct Passive Voice:
   Who opened the door?
   - By whom is the door opened?
   - By whom was the door opened?
   - By whom has the door opened?
   - By whom the door was opened?
10. Choose the correct name of poet / poetess:
    The poem 'Children' is composed by:

- Henry Longfellow • Mrs. Elsa Kazi
- William Wordsworth • Robert Frost

11. Choose the correct Active Voice:
    My books were being taken away by him:
- He took away my books.
- He is taking away my books.
- He was taking away my books.
- He will be taken away my books.

12. Choose the correct meaning of scorching:
- hot • very hot • soft • very soft

13. Choose the correct Indirect Narration:
    Nasim said "I have passed the exam this year."
- Nasim said that he had passed the exam that year.
- Nasim said that he passed the exam that year.
- Nasim said that he will pass the exam that year.
- Nasim said that he has passed the exam that year.

14. Choose the correct Direct Narration:
    She asked me when I would take my final exam.
- She said to me, "When would you take your final exam?
- She said to me, "When will you take your final exam?
- She said to me, "When shall I take my final exam?
- She said to me, "When you will take your final exam?

15. Select the correct punctuated sentence:
    What a nice school she exclaimed.
- "What a nice school!" she exclaimed.
- "What a nice school! she exclaimed!
- "What a nice school?" she exclaimed.
- "What a nice school?" she exclaimed.

ENGLISH 2019

Time: 2 ½ Hours **Max. Marks: 60**

SECTION "B" (SHORT-ANSWER QUESTIONS)

2.(a) Attempt any 4 questions in three or four sentences each. (8)

(i) Name the canal system of The Guddu Barrage. Which areas are being irrigated by this system?

(ii) What were the three questions of the King? Why did he want to find out the answers?

(iii) Who are the most needed persons in the village life? What do they do?

(iv) When, where and on what principles was an Islamic Society founded by the Holy Prophet (P.B.U.H).

(v) Name the Muslim Ladies and how did they work in the

battlefield?

(vi) What do you know about the academic achievements of Allama Iqbal?

(b) Answer any Two of the following questions in three to four sentences: (4)

(i) What did Abou Ben Adhem ask the angel and what request did he make to him?

(ii) Why should the horse think it strange to stop by the woods?

(iii) What did the King say to the Miller in the last stanza of the poem "The Miller of the Dee"?

(iv) What resemblance does the poet find between the stars and the daffodils?

3. Explain with reference to the context: (Prose)(6)

"Always be happy and cheerful. Never curse your fate. You can do everything in this world."

(i) Name the speaker and the lesson.

(ii) When and why did the speaker brought back to life?

(iii) By whom and how was the speaker brought back to life

4. Explain with reference to the context: (Poem) (6)

In your hearts are the birds and the sunshine
In your thoughts the brooklet's flow
But in my mind is the wind of Autumn
And the first fall of the snow

(i) Name the poem and the poet / poetess.

(ii) Write the correct and actual name of your English Textbook from which has this stanza been taken.

(iii) Why was the poet / poetess depressed? How did he she get rid of it?

5. Support the missing contextual words or phrases: (Attempt any six) (6)

(i) Nobody knew anything about Moen-jo-Daro until ------.

(ii) I gazed and gazed but ---------.

(iii) The -------- exercises a great influence on the villagers.

(iv) Thy -------- is worth my crown.

(v) Shah Latif grew up to be a scholar of Arabic and -------.

(vi) The King saw bearded man running towards him, gripping --------- in his right hand.

(vii) How strong you are, how ---------.

(viii) The Holy Prophet raised women from the -------- to complete legal equality with men.

6. Use any six of the following idioms / phrases in sentences of your own. (6)

Look after; bit by bit; day and night; to shed the last

drop of blood; smile at; far and wide; all in all; nothing but.

SECTION C (DETAILED-ANSWER QUESTION)(24)

NOTE: Answer all the question of this section.

7. Write an essay of 100 to 120 words on any One of the following topic. (8)

(i) An interesting match of PSL 4.
(ii) Ever Increasing Pollution in Karachi.
(iii) An Unforgettable School Function.
(iv) Importance of Discipline

8. Write an application to the Headmaster / Headmistress of your school requesting him / her to grant you 15 days leave to attend your cousin's marriage at Islamabad. (6)

OR Write a letter to your younger brother, advising to pay more attention to his health along with studies.

OR Write a dialogue between two students, discussing their preparation for the examination.

9. Translate five of the following sentences into English.

(۱) میرے اسکول پہنچنے سے پہلے گھنٹی بج چکی تھی۔ (۲) آج کا کام کل پر مت چھوڑو (۳) جب میں سو کر اٹھوں گا تو بازار جاؤں گا۔ (۴) درخت اپنے پھل سے پہچانا جاتا ہے۔ (۵) باغ میں پھول نہیں کھل رہے ہونگے (۶) وہ چھ سال سے اسی اسکول میں پڑھ رہے ہیں (۷) کیا میرے پاس بہت سی دلچسپ کتابیں ہیں؟

10. Read the following passage and answer the questions given below: (5)

The Quaid-e-Azam led his people through the terrible first year of their history. When the country was divided millions of people had crossed the border of the new state. The sight of these homeless people moved Jinnah to tears. The angry crowds murdered the people, state the property and burned homes. Million of Muslims were killed or kidnapped. All this killing and destruction shocked Jinnah who begged for peace and friendship but unfortunately it was all in vain.

(i) What happened when the country was divided?
(ii) How did the homeless people affect Mr. Jinnah?
(iii) What did the angry crowd do?
(iv) What did Mr. Jinnah beg from the non-Muslims after killing and destruction of the Muslims?
(v). Give noun form of 'divide' and 'beg'.

OR Write a note on any one of the following:

(i) Major Aziz Bhatti
(ii) The Urs of Shah Latif Bhitai (iii) Helen Keller

مطالعہ پاکستان ۲۰۰۴

وقت: ۳ گھنٹے — کل نشانات: ۷۵

ہدایات: کل چھ سوالات کے جوابات تحریر کیجئے۔ حصہ الف سے دو، حصہ ب سے تین سوالات اور لازمی سوال نمبر ا

ا۔ (الف) خالی جگہوں کو صحیح جوابات سے پر کیجئے۔ (۱) روزہ اسلام کا تیسرا استون ہے۔ (۲) علامہ اقبال نے الہ آباد میں سن ۱۹۳۰ء میں خطبہ صدارت دیا (۳) ڈیورنڈ لائن تقریباً ۴۰۰ کلومیٹر لمبی ہے۔ (۴) وفاقی وزیر تعلیم کا نام زبیدہ جلال ہے۔ (۵) صوبہ سندھ باب الاسلام کہلاتا ہے۔

ا۔ (ب) قوسین میں سے ہر ایک کے لئے صحیح جواب منتخب کرکے تحریر کیجئے۔

(۱) اقوام متحدہ کی تنظیم ۲۴ اکتوبر سن .... کو معرض وجود میں آئی۔ (۱۹۳۹۔ ۱۹۴۵۔ ۱۹۴۷)

(۲) پاکستان کو .... طبعی خطوں میں تقسیم کیا گیا ہے۔ (۴۔ ۶۔ ۸)

(۳) منگلا ڈیم دریائے .... پر تعمیر کیا گیا ہے۔ (چناب۔ سندھ۔ جہلم)

(۴) پہلی اسلامی سربراہ کانفرنس سن .... ء میں منعقد ہوئی۔ (۱۹۷۴ء، ۱۹۶۹ء، ۱۹۴۷ء)

(۵) کوہ قراقرم کے سلسلہ کی بلند ترین چوٹی .... ہے۔ (ترچ میر، ننگا پربت۔ کے ٹو)

حصہ الف (مختصر جوابات کے سوالات)

۲۔ (۱) تین مسلم رہنماؤں کے نام لکھئے جنہوں نے کل ہند مسلم لیگ کی بنیاد رکھی۔ (۲) جنگلات کے کوئی تین فائدے تحریر کیجئے۔ (۳) اقوام متحدہ کے کسی چھ مخصوص اداروں کے نام لکھئے۔ (۴) قائداعظم کے چودہ نکات میں سے کوئی چار نکات تحریر کیجئے۔ (۳+۳+۳+۴)

۳۔ (۱) قیام پاکستان کے وقت ملک کو جن مسائل کا سامنا کرنا پڑا ان میں سے کوئی تین لکھئے۔ (۲) دریائے سندھ پر تعمیر کردہ تین بیراجوں کے نام لکھئے۔ (۳) جہاد پر تین جملے لکھئے۔ (۴) حکومت نے ملک میں اسلامی نظام کے نفاذ کے سلسلہ میں جو اقدامات کیے ہیں، ان میں سے کسی چار کو تحریر کیجئے۔ (۳+۳+۳+۴)

۴۔ (۱) پاکستان کی ثقافت کے بارے میں تین جملے لکھئے۔ (۲) بھٹ اور تھور سے متعلق تین جملے تحریر کیجئے۔ (۳) پاکستان اور چین کے تعلقات پر تین جملے لکھئے۔ (۴) تحریک پاکستان میں صوبہ سندھ کے کردار پر چار جملے لکھئے۔ (۳+۳+۳+۴)

حصہ ب (بیانیہ جواب کے سوالات)

۵۔ فلاحی مملکت سے کیا مراد ہے؟ نیز فلاحی مملکت کا اسلامی تصور کیا ہے؟ (۱۳)

۶۔ اسلامی طرز زندگی کے رہنما اصول بیان کیجئے۔ (۱۳)

۷۔ جنگلات کی مختلف قسمیں کیا ہیں؟ ان کی خصوصیات بیان کیجئے۔ (۱۳)

۸۔ پاکستان میں زراعت کی اہمیت بیان کیجئے۔ (۱۳)

۹۔ برصغیر پاک و ہند میں مسلم سلطنت کے زوال کے اسباب تفصیل سے بیان کیجئے۔ (۱۳)

۱۰۔ مندرجہ ذیل میں سے کسی دو پر نوٹ لکھئے۔ (۱) مسئلہ کشمیر، (۲) سارک تنظیم (۳) قرارداد پاکستان (۴) معاہدہ سندھ طاس۔ (۱۳)

مطالعہ پاکستان

۲۰۰۵

وقت ۳ گھنٹے

کل نشانات ۷۵

نوٹ: کل چھ سوالات کے جوابات تحریر کیجئے۔ حصہ 'الف' سے دو سوال، حصہ ب سے تین سوالات اور لازمی سوال نمبر ۱

۱۔(الف) خالی جگہوں کو صحیح جوابات سے پر کیجئے۔ (۵)

(۱) جنوبی ایشیا میں مسلم معاشرہ کے قیام کی بنیاد سن ۷۱۲ء میں پڑی۔ (۲) قائداعظم محمد علی جناح نے سن ۱۹۱۳ء میں کل ہند مسلم لیگ میں شمولیت اختیار کی۔ (۳) پاکستان کے موجودہ وزیراعظم شوکت عزیز ہیں۔ (۴) پاکستان کے ساحلی علاقے کی لمبائی تقریباً ۷۰۰ کلومیٹر ہے۔ (۵) کراچی شپ یارڈ اینڈ انجینئرنگ ورکس لمیٹڈ کراچی میں سن ۱۹۵۶ء میں قیام کیا گیا

۱۔(ب) قوسین میں سے ہر ایک کے لئے صحیح جواب منتخب کر کے تحریر کیجئے۔ (۵)

(۱) آب و ہوا کے اعتبار سے پاکستان کو...... حصوں میں تقسیم کیا گیا ہے۔ (۳، ۴، ۲) (۲) اعلان تاشقند پر صدر پاکستان فیلڈ مارشل محمد ایوب خان اور وزیراعظم بھارت...... نے دستخط کئے۔ (جواہر لال نہرو، لال بہادر شاستری، اندرا گاندھی) (۳) پہلی اسلامی سربراہ کانفرنس سن...... میں منعقد ہوئی۔ (۱۹۴۷، ۱۹۶۹، ۱۹۷۴) (۴) پاکستان ایک...... ریاست ہے۔ (فلاحی، اسلامی، نظریاتی) (۵) دوسری جنگ عظیم سن......ء میں شروع ہوئی۔ (۱۹۱۴، ۱۹۳۹، ۱۹۳۰)

حصہ الف (مختصر جوابات کے سوالات)

۲۔(۱) جنوبی ایشیاء میں مسلمانوں کے زوال کے تین اسباب تحریر کیجئے۔ (۲) نماز کے تین فوائد تحریر کیجئے۔ (۳) ۱۹۷۳ء کے آئین کی کوئی تین اسلامی دفعات لکھیئے۔ (۴) پاکستان میں پائی جانے والی کسی چار معدنیات کے نام اور ان کے متعلق استعمال تحریر کیجئے۔ (۴+۳+۳+۳)

۳۔(۱) جنگلات کے کوئی تین فوائد تحریر کیجئے (۲) سارک تنظیم کی اہمیت پر تین جملے لکھیئے (۳) پاکستان کی تین اہم شاہراہوں کے نام لکھیئے (۴) قیام پاکستان کے بعد اسکی چار ابتدائی مشکلات تحریر کیجئے (۴+۳+۳+۳)

۴۔(۱) قدرتی گیس کی اہمیت پر تین جملے تحریر کیجئے۔ (۲) پاکستان میں بلند شرح پیدائش کے تین اسباب تحریر کیجئے (۳) پاکستان کی تین اہم صنعتوں کے نام اور ان کے مراکز تحریر کیجئے۔ (۴) بحیثیت قومی زبان اردو کی اہمیت پر چار جملے تحریر کیجئے۔ (۴+۳+۳+۳)

حصہ 'ب' (بیانیہ جواب کے سوالات)

۵۔ اسلامی معاشرہ سے کیا مراد ہے؟ اسلامی معاشرہ کی چیدہ چیدہ خصوصیات تحریر کیجئے۔ (۱۳)

۶۔ قائداعظم کے چودہ نکات تحریر کیجئے۔ (۱۳)

۷۔ پاکستان کے اہم زرعی مسائل اور ان کے حل کے لئے ہونے والے اقدامات تفصیل سے تحریر کیجئے (۱۳)

۸۔ بھارت اور پاکستان کے بہتر تعلقات کی راہ میں مسئلہ کشمیر حائل ہے۔ بحث کیجئے۔ (۱۳)

۹۔ پاکستان میں تعلیم کی ترقی کے لئے حکومت کون سے اقدامات کر رہی ہے؟ تفصیل سے لکھیئے (۱۳)

۱۰۔ مندرجہ ذیل میں سے کسی دو پر نوٹ لکھیئے: (۱) پاکستان اور سعودی عرب کے تعلقات (۲) پاکستان کی درآمدات اور برآمدات (۳) قیام پاکستان کی جدوجہد میں صوبہ سندھ کا کردار (۴) پاکستان کے محل وقوع کی اہمیت۔

۲۰۰۶

مطالعہ پاکستان

کل نشانات۔۷۵ (نیا نصاب) وقت ۳ گھنٹے

نوٹ:۔کل چھ سوالوں کے جوابات تحریر کیجیے۔ حصہ 'الف' سے دو سوال حصہ 'ب' سے تین سوال اور لازمی معروضی

سوال نمبر۱۔ حصہ معروضی (لازمی)

سوال ۱۔(الف) مندرجہ ذیل خالی جگہوں کو درست جوابات سے پر کیجیے۔ (۵)

(۱) نظریہ پاکستان کی اساس **اسلامی فکر و فلسفہ** پر ہے۔(۲) پاکستان نے **دوسری** سربراہ کانفرس کے دوران بنگلہ دیش کو تسلیم کیا۔(۳) شاہ ولی اللہ کا انتقال سن **۱۰ اگست ۱۷۶۳ء** میں ہوا۔(۴) لفظ فاٹا **وفاق کے زیر انتظام قبائلی علاقہ** کے لئے استعمال ہوتا ہے۔(۵) سیالکوٹ **کھیلوں** کے سامان کے لئے مشہور ہے

(ب) قوسین میں دیے گئے ممکنہ جوابات میں سے ہر ایک کے لئے صحیح جواب کا انتخاب کیجیے۔ (۵)

(۱) دنیا میں سب سے بڑی نمک کی کان پاکستان کے صوبہ ____ میں واقع ہے۔(**پنجاب**۔سندھ۔سرحد)

(۲) پاکستان میں پہلی تعلیمی کانفرس سن ____ ء میں منعقد ہوئی۔ (**۱۹۴۷**۔۱۹۵۲۔۱۹۵۴)

(۳) پاکستان کے قیام کے بعد پہلی مردم شماری سن ____ ء میں ہوئی۔(**۱۹۵۱**۔۱۹۴۸۔۱۹۶۲)

(۴) پاکستان میں ____ سے زائد زبانیں بولی جاتی ہیں۔(۵۰۔۴۰۔**۳۰**)

(۵) پاکستان کو ____ آب و ہوائی خطوں میں تقسیم کیا جاتا ہے۔ (سات۔پانچ۔**چار**)

حصہ 'الف' (مختصر جواب کے سوالات)

۲۔(۱) نظریہ پاکستان تین جملوں میں بیان کیجیے۔(۲) آل انڈیا مسلم لیگ کے قیام کے تین اغراض و مقاصد تحریر کیجیے۔(۳) مشرقی پاکستان کی علیحدگی کے کوئی تین اہم اسباب تحریر کیجیے۔(۴) پاکستان کی کسی چار بھاری صنعتوں کے نام تحریر کیجیے۔ (۴+۳+۳+۳)

۳۔(۱) پاکستان کی آبادی کی تین خصوصیات تحریر کیجیے۔(۲) اسلامی نظریہ کے مطابق فلاحی مملکت پر تین جملے تحریر کیجیے (۳) پاکستان کی تین اہم شاہراہوں کے نام تحریر کیجیے۔ (۴) پاکستان کے زرعی مسائل کے حل کے لئے چار اہم اقدامات تحریر کیجیے۔ (۴+۳+۳+۳)

۴۔(۱) علی گڑھ تحریک کے کوئی تین اہم مقاصد تحریر کیجیے۔(۲) ثقافت سے کیا مراد ہے؟ تین جملوں میں تحریر کیجیے (۳) سندھ کے کسی تین گورنروں کے نام لکھیے۔(۴) قائداعظم کے چودہ نکات میں سے کوئی چار نکات تحریر کیجیے (۴+۳+۳+۳)

حصہ 'ب' (بیانیہ جواب کے سوالات)

۵۔ علی گڑھ تحریک کے مقاصد اور کارنامے بیان کیجیے۔ (۱۳)

۶۔ قائداعظم کے کردار کی ان نمایاں صفات پر روشنی ڈالئے جو دوسروں کے لئے نمونہ ہیں۔ (۱۳)

۷۔ ۱۹۷۳ء کے آئین کے اہم نکات تحریر کیجیے۔ (۱۳)

۸۔ جنوبی ایشیا کے خطے میں پاکستان کے محل وقوع کی اہمیت کا جائزہ لیجیے۔ (۱۳)

۹۔ بحیثیت قومی زبان اردو کی اہمیت بیان کیجیے۔ (۱۳)

۱۰۔ مندرجہ ذیل میں سے کسی دو پر نوٹ لکھیے۔ (۱۳)

(۱) فرائضی تحریک (۲) جنگلات کی اہمیت (۳) انفارمیشن ٹیکنالوجی (۴) پاکستان کی اہم زرعی فصلیں۔

مطالعہ پاکستان ۲۰۰۷

(سائنس گروپ)

وقت: ۳۰ گھنٹے　　　　　　　　کل نشانات: ۷۵

۱۔(الف) مندرجہ ذیل جگہوں کو صحیح جوابات سے پر کیجئے۔ (۱) فرائضی تحریک کے بانی حاجی شریعت اللہ تھے (۲) پاکستان کی آئین سازی کی تاریخ میں ۱۲ مارچ ۱۹۴۹ء کو قرارداد مقاصد بطور بنیاد منظور کی گئی (۳) پاکستان کے جنوب مغرب میں ہمارا ہمسایہ ملک ایران واقع ہے۔ (۴) اسلام سب سے زیادہ جمہوری نظام ہے۔ (۵) پاکستان اسٹیل ملز کراچی سے ۴۰ کلومیٹر کے فاصلے پر واقع ہے۔ (۵)

(ب) قوسین میں دیے گئے ممکنہ جوابات میں سے ہر ایک کے لئے صحیح جواب منتخب کیجئے۔ (۵)

(۱) سلسلہ ہائے قراقرم کی اوسط بلندی تقریباً...... میٹر ہے (۵۰۰۰، ۷۰۰۰، ۸۰۰۰) (۲) ......زبان کو یہ اعزاز حاصل ہے کہ یہ پہلی مقامی زبان ہے جس میں قرآن مجید کا ترجمہ ہوا۔ (بلوچی، سندھی، پشتو) (۳) تمام صوبوں اور وفاقی سطح پر تعلیم عامہ کے فروغ کے لئے ...... قائم کی گئی ہیں۔ (معاشرتی انجمنیں، معاشی انجمنیں، تعلیمی فاؤنڈیشن) (۴) دنیا کے سب سے زیادہ آبادی والے ممالک میں پاکستان ......نمبر پر ہے۔ (دوسرے، چوتھے، چھٹے) (۵) جنگ آزادی سن...... میں لڑی گئی۔ (۱۸۵۷، ۱۸۸۰، ۱۸۸۵)

حصہ "الف" (مختصر جواب کے سوالات)

۲۔(الف) بحیثیت گورنر جنرل قائداعظم کے کوئی چار اہم کردار لکھئے۔ (ب) اسلامی نظریہ کے کوئی تین ماخذ تحریر کیجئے۔ (ج) ہمارے ملک میں صنعتی ترقی کے لئے حکومت کے کوئی تین اقدامات لکھئے۔ (د) پاکستان میں افزائش آبادی کی کوئی تین وجوہات لکھئے۔ (۳+۳+۳+۴)

۳۔(الف) پاکستان میں شعبہ تعلیم سے وابستہ کوئی چار مسائل لکھئے۔ (ب) ای۔کامرس (الیکٹرانک کامرس) کے کوئی تین استعمال لکھئے۔ (ج) دو قومی نظریہ سے کیا مراد ہے؟ تین جملوں میں لکھئے۔ (د) آل انڈیا مسلم لیگ کے قیام کے کوئی تین اغراض و مقاصد لکھئے۔ (۳+۳+۳+۴)

۴۔(الف) نظریہ پاکستان کے بارے میں قائداعظم کے کوئی دو ارشادات لکھئے۔ (ب) ۱۹۷۳ء کے آئین کے کوئی تین نمایاں خدوخال لکھئے۔ (ج) پاکستان میں ہر سال منائے جانے والے مسلمانوں کے تین تہواروں کے نام لکھئے۔ (د) جنگلات کے کوئی تین اقسام کے نام تحریر کیجئے۔ (۳+۳+۳+۴)

حصہ "ب" (بیانیہ جواب کے سوالات)

۵۔ پاکستان کے اہم زرعی مسائل کیا ہیں؟ ان کے حل کے لئے حکومت کیا اقدامات کر رہی ہے؟ (۱۳)

۶۔ جمہوریت سے کیا مراد ہے؟ جمہوریت کے دو اصول بیان کیجئے جن پر اسلام عمل پیرا ہے۔ (۱۳)

۷۔ فلاحی ریاست سے کیا مراد ہے؟ اسلام میں اس کا کیا تصور ہے؟ نیز فلاحی ریاست کے فرائض بیان کیجئے۔ (۱۳)

۸۔ برصغیر میں تحریک احیائے اسلام میں شاہ ولی اللہ یا سید احمد شہید بریلوی کی خدمات بیان کیجئے۔ (۱۳)

۹۔ مشرقی پاکستان، مغربی پاکستان سے کیوں علیحدہ ہوا؟ ان اسباب کی وضاحت کیجئے۔ (۱۳)

۱۰۔ مندرجہ ذیل میں سے کسی دو پر نوٹ تحریر کیجئے۔ (۱۳)

(۱) قائداعظم کے چودہ نکات (۲) پاکستان کی اہم صنعتیں (۳) قومی تعلیمی پالیسی (۴) قرارداد پاکستان

مطالعہ پاکستان ۲۰۰۸

وقت ۳ گھنٹے (سائنس گروپ) کل نشانات: ۷۵

ہدایات: کل چھ سوالوں کے جوابات تحریر کیجئے حصہ الف سے دو، حصہ ب سے تین سوالات اور لازمی معروضی سوال نمبرا

حصہ معروضی (لازمی)

۱۔(الف) مندرجہ ذیل خالی جگہوں کو درست جوابات سے پُر کیجئے۔ (۱) سید احمد شہید بریلوی کی تحریک، تحریک مجاہدین کے نام سے مشہور ہے۔ (۲) دنیا میں معدنی نمک کے سب سے بڑے ذخائر پاکستان میں پائے جاتے ہیں۔ (۳) پاکستان رمضان کی ۲۷ تاریخ کو معرض وجود میں آیا۔ (۴) سیالکوٹ کھیلوں کے سامان کے لئے مشہور ہے۔ (۵) پاکستان کا کل رقبہ ۷۹۶۰۹۶ مربع میٹر/مربع میل ہے۔ (۵)

(ب) قوسین میں دیئے گئے ممکنہ جوابات میں سے ہر ایک کے لئے صحیح جواب منتخب کر کے لکھئے۔ (۵)

(۱) پاکستان کا سب سے بڑا شہر کراچی ہے اور اس کی آبادی تقریباً ____ ملین ہے۔ (۲۰، ۱۵، ۱۰)

(۲) سن ____ میں سندھ ایک علیحدہ صوبہ بن گیا تھا۔ (۱۹۳۰، ۱۹۳۵، ۱۹۴۷)

(۳) پاکستان میں پہلی تعلیمی کانفرنس سن ____ میں منعقد ہوئی۔ (۱۹۴۷، ۱۹۵۲، ۱۹۵۴)

(۴) دوسری اسلامی سربراہ کانفرنس پاکستان کے شہر ____ میں منعقد ہوئی۔ (کراچی، اسلام آباد، لاہور)

(۵) مشرقی پاکستان ہم سے سن ____ میں علیحدہ ہوا۔ (۱۹۷۱، ۱۹۷۴، ۱۹۷۷)

حصہ الف (مختصر جواب کے سوالات)

۲۔(۱) پاکستان میں ذرائع نقل و حمل پر تین جملے تحریر کیجئے۔ (۲) پاکستان کی داخلی تجارت پر تین جملے لکھئے۔ (۳) فلاحی مملکت میں فرد کے کردار پر تین جملے لکھئے۔ (۴) مشرقی پاکستان کی علیحدگی کے کوئی چار اسباب تحریر کیجئے۔

۳۔(۱) پاکستان میں افزائش آبادی کی کوئی تین وجوہات تحریر کیجئے۔ (۲) پاکستان کے کسی تین کثیر المقاصد بندوں (ڈیمز) کے نام لکھئے۔ (۳) پاکستان میں مردم شماری پر تین جملے لکھئے۔ (۴) پاکستان میں پائی جانے والی کسی چار معدنیات کے نام اور ان کے استعمال تحریر کیجئے۔ (۳+۳+۳+۴)

۴۔(۱) درآمدات اور برآمد کا فرق لکھئے۔ (۲) پاکستان کی کوئی تین اہم نقد آور فصلوں کے نام تحریر کیجئے۔ (۳) فنی اور پیشہ ورانہ تعلیم کی اہمیت پر تین جملے تحریر کیجئے۔ (۴) پاکستان کے چار وزرائے اعظم کے نام لکھئے۔ (۳+۳+۳+۴)

حصہ ب (بیانیہ جواب کے سوالات)

۵۔ اسلام میں جمہوریت کے مروجہ اصول تفصیل سے تحریر کیجئے۔ (۱۳)

۶۔ کسی ملک کی ترقی میں تعلیم کی اہمیت بیان کیجئے۔ نیز پاکستان میں تعلیم کے شعبے کے اہم مسائل کیا ہیں؟ (۱۳)

۷۔ پاکستان کے خاص زرعی مسائل کیا ہیں؟ ان مسائل کے حل کے لئے حکومت پاکستان کیا اقدامات کر رہی ہے؟

۸۔ برصغیر کے مسلمانوں میں تحریک احیائے اسلام کے سلسلے میں شاہ ولی اللہ کی خدمات بیان کیجئے۔ (۱۳)

۹۔ جنوبی ایشیاء میں پاکستان کے محل وقوع کی اہمیت واضح کیجئے۔ (۱۳)

۱۰۔ مندرجہ ذیل میں سے کسی دو پر نوٹ لکھئے۔ (۱) علی گڑھ تحریک (۲) جوہری توانائی (۳) ہمارے ملک کے لئے اردو زبان کی اہمیت (۴) قائداعظم محمد علی جناح کے چودہ نکات۔ (۱۳)

(۴) پاکستان کی ترقی وخوشحالی میں عوام کے کردار پر تین نکات تحریر کیجیے۔

(۵) پاکستان کے تین ہمسایہ ممالک کے نام لکھیے۔

(۶) مشرقی پاکستان کی علیحدگی کے تین اہم اسباب تحریر کیجیے۔

(۷) ماحولیاتی آلودگی کی تین اقسام تحریر کیجیے۔

(۸) پاکستان میں پائے جانے والی تین معدنیات کے نام اور ان کے استعمال لکھیے۔

(۹) پاکستان کے کوئی تین اہم زرعی مسائل تحریر کیجیے۔

(۱۰) پاکستان کی تین اہم شاہراہوں کے نام لکھیے۔

(۱۱) نقل مکانی کس طرح ملکی ترقی پر اثر انداز ہوتی ہے؟

(۱۲) غیر مسلموں کے تہواروں کے بارے میں آپ کیا جانتے ہیں؟

(۱۳) قومی تعلیمی پالیسی ۱۹۹۸ تا ۲۰۱۰ میں بیان کردہ تعلیم کے کوئی تین اہم خدوخال تحریر کیجیے۔

(۱۴) پاکستان کے شعبہ تعلیم کے تین مسائل تحریر کیجیے۔

(۱۵) جنوبی ایشیاء کے خطے میں پاکستان کے محل وقوع کی کیا اہمیت ہے؟

حصہ ج (تفصیلی جواب کے سوالات) (۲۴)

نوٹ: اس حصے سے کسی دو سوالات کے جوابات لکھیے۔ تمام سوالوں کے نشانات مساوی ہیں

۳۔ (الف) علی گڑھ تحریک کے کارنامے تحریر کیجیے۔

(ب) قائداعظم کے چودہ نکات میں سے کوئی چھ نکات تحریر کیجیے۔

۴۔ (الف) ۱۹۷۳ء کے آئین کے نمایاں خدوخال تحریر کیجیے۔

(ب) جنگلات کے فوائد کیا ہیں؟ ان کی اہمیت تحریر کیجیے۔

۵۔ (الف) پاکستان میں صنعتی ترقی کے فروغ کے لیے کیا اقدامات کیے جانے چاہئیں؟

(ب) مندرجہ ذیل میں سے کسی ایک پر نوٹ لکھیے: (۱) چینی کی صنعت

(۲) بحیثیت قومی زبان اردو کی اہمیت (۳) فنی اور پیشہ ورانہ تعلیم (۴) پاکستان ریلویز

مطالعہ پاکستان ۲۰۰۹

وقت: ۳۰ منٹ (نیا نصاب) کل نشانات: ۱۵

حصہ الف (لازمی) (کثیر الانتخابی سوالات) (۱۵)

دیے ہوئے ممکنہ جوابات میں سے ہر ایک کے لیے درست جواب کا انتخاب کیجیے۔

(۱) پاکستان کے ـــــــ فیصد رقبے پر جنگلات واقع ہیں۔

(الف) ۲.۵ (ب) ۴.۵ (ج) ۸.۲ (د) ۱۰.۱

(۲) لاہور۔اسلام آباد موٹروے کی لمبائی .... کلومیٹر ہے۔

(الف) ۲۹۳ (ب) ۳۶۷ (ج) ۳۷۶ (د) ۶۳۷

(۳) پاکستان کی آبادی کی اکثریت .... سے وابستہ ہے۔

(الف) تجارت (ب) کانکنی (ج) زراعت (د) ماہی گیری

(۴) چین پاکستان کے .... میں واقع ہے۔

(الف) مشرق (ب) مغرب (ج) شمال (د) جنوب

(۵) پاکستان میں خواتین کی شرح خواندگی .... فیصد ہے۔

(الف) ۱۲ (ب) ۳۶ (ج) ۴۰ (د) ۴۵

(۶) انسانی جسم کے وزن کا تقریباً .... فیصد پانی پر مشتمل ہوتا ہے۔

(الف) ۶۰ (ب) ۷۰ (ج) ۷۵ (د) ۸۰

(۷) آل انڈیا مسلم لیگ سن .... میں قائم ہوئی۔

(الف) ۱۹۰۳ (ب) ۱۹۰۶ (ج) ۱۹۱۰ (د) ۱۹۱۵

(۸) پاکستان کی سب سے اہم بندرگاہ .... ہے۔

(الف) کراچی (ب) پورٹ قاسم (ج) پسنی (د) گوادر

(۹) پاکستان کے ساحل کی مجموعی لمبائی .... کلومیٹر ہے۔

(الف) ۶۰۰ (ب) ۷۰۰ (ج) ۱۰۰۰ (د) ۱۲۰۰

(۱۰) سرسید احمد خان نے محمڈن اینگلو اورینٹل کالج .... میں قائم کیا۔

(الف) بمبئی (ب) بہار (ج) علی گڑھ (د) دہلی

(۱۱) صنعت ملک کو .... طور پر مستحکم کرتی ہے۔

(الف) سیاسی (ب) سماجی (ج) معاشی (د) مذہبی

(۱۲) پاکستان کی پہلی آئین ساز اسمبلی .... نے توڑ دی تھی۔

(الف) غلام محمد (ب) ایوب خان (ج) محمد علی بوگرہ (د) اسکندر مرزا

(۱۳) آب و ہوا کے لحاظ سے پاکستان کو .... خطوں میں تقسیم کیا گیا ہے۔

(الف) ۳ (ب) ۴ (ج) ۶ (د) ۷

(۱۴) شاہ ولی اللہ سن .... میں پیدا ہوئے۔

(الف) ۱۷۰۳ (ب) ۱۷۰۵ (ج) ۱۷۱۲ (د) ۱۷۱۹

(۱۵) .... اجرک ہمارے ملک میں بہت مشہور ہے۔

(الف) سندھی (ب) بلوچی (ج) پنجابی (د) بنگالی

مطالعہ پاکستان ۲۰۰۹

وقت: ۲ گھنٹے (سائنس گروپ) کل نشانات: ۶۰

اہم ہدایات: یہ پرچہ مختصر جواب کے سوالات (حصہ ب) اور تفصیلی جواب کے سوالات (حصہ ج) پر مشتمل ہوگا۔ ۳۰ منٹ کے بعد دیا جائے گا اور اس کا کل دورانیہ صرف ۲ گھنٹے ہوگا۔

حصہ ب (مختصر جواب کے سوالات)

نوٹ: اس حصہ سے کل بارہ (۱۲) سوالوں کے جوابات مطلوب ہیں۔ تمام سوالوں کے نشانات مساوی ہیں کسی بھی سوال کا جواب تین یا چار جملوں سے زیادہ پر مشتمل نہ ہو۔ (۳۶)

۲۔ (۱) اسلامی نظریہ کے تین بنیادی ماخذ تحریر کیجئے۔

(۲) ۱۹۷۳ کے دستور کی تین اسلامی دفعات بیان کیجئے۔

(۳) دوسری اسلامی سربراہ کانفرنس جو لاہور میں منعقد ہوئی، بیان کیجئے۔

(۴) صوبہ سندھ کی گورنروں کی نام لکھیے اور ان کی قریباً دورانیے بھی لکھیے۔

(۵) سید احمد شہید بریلوی کی تحریک بیان کیجئے۔

(۶) ماحولی آلودگی کیوں کر پیدا ہوتی ہے اور اس کے کیا اثرات ہوتے ہیں؟

(۷) پاکستان کی غذائی فصلوں کی نام لکھیے اور ان کی کاشت کی بارے میں تحریر کیجئے۔

(۸) پاکستان کی حالیہ تجارت اور کاروبار کے بارے میں لکھیے۔

(۹) پاکستان کی بندرگاہوں کے نام لکھیے اور بتایئے کہ ان کے ذریعہ کیا سامان آتا جاتا ہے۔

(۱۰) دوقومی نظریہ کیا ہے؟ تشکیل پاکستان میں اس نے کیا کردار ادا کیا؟

(۱۱) علاقے میں پاکستان کا جغرافیائی محل وقوع بیان کیجئے۔

(۱۲) پاکستان کے شعبہ تعلیم کی تین خامیوں کی نشاندہی کیجئے۔

(۱۳) پاکستان کی خاص خاص تہواروں کے نام لکھیے اور بتایئے کہ انھیں کیوں منایا جاتا ہے۔

(۱۴) گزشتہ مردم شماری کے اعتبار سے پاکستان کی آبادی کے رجحانات کے بارے میں آپ کیا جانتے ہیں؟

(۱۵) پاکستان میں عام طور سے کونسے ذرائع آمدورفت مستعمل ہیں اور انکا ہماری معیشت میں کیا کردار ہے؟

حصہ ج (تفصیلی جواب کے سوالات) (۲۴)

نوٹ: اس حصہ سے کسی دو سوالات کے جوابات لکھیے۔ تمام سوالوں کے نشانات مساوی ہیں۔

۳۔ (الف) برصغیر میں مسلمانوں کے احیاء کے سلسلے میں شاہ ولی اللہ یا سید احمد شہید بریلوی کی تحریک کی خدمات بیان کیجئے۔ (ب) نوزائیدہ مملکت پاکستان کو جن مسائل کا سامنا کرنا پڑا ان پر جامع نوٹ لکھیے۔

۴۔ (الف) علاقہ میں پاکستان کے محل وقوع کی جغرافیائی اہمیت تحریر کیجئے۔ (ب) پاکستان کے خاص خاص زرعی مسائل کیا ہیں؟ ان مسائل کو حل کرنے کے لئے حکومت پاکستان نے کیا اقدامات کیے ہیں؟

۵۔ (الف) پاکستان کی یکجہتی میں قومی زبان اردو کا کردار بیان کیجئے۔ (ب) مندرجہ ذیل میں سے کسی ایک پر تفصیلی نوٹ لکھیے۔ (i) قائداعظم کے چودہ نکات (ii) قرارداد پاکستان (iii) پاکستان کی خاص صنعتیں

مطالعہ پاکستان ۲۰۱۰

وقت: ۳۰ منٹ (نیا نصاب) کل نشانات: ۱۵

حصہ الف (لازمی) (کثیر الانتخابی سوالات) (۱۵)

دیے ہوئے ممکنہ جوابات میں سے ہر ایک کے لئے درست جواب کا انتخاب کیجئے۔

(۱) پاکستان نے اس سربراہ کانفرنس کے دوران بنگلہ دیش کو تسلیم کیا:
(الف) دوسری ✓ (ب) پہلی (ج) تیسری (د) چوتھی

(۲) پاکستان کے جنوب مغرب میں ہمارا ہمسایہ ملک ہے:
(الف) افغانستان (ب) بھارت (ج) ایران ✓ (د) بنگلہ دیش

(۳) پاکستان میں بولی جانے والی زبانوں کی تعداد ہے:
(الف) ۲۰ (ب) ۳۰ ✓ (ج) ۴۰ (د) ۵۰

(۴) سیالکوٹ ان اشیاء کے لئے مشہور ہے:
(الف) بجلی کی (ب) کھیلوں کی ✓ (ج) صنعتی (د) دفاعی

(۵) سن عیسوی میں سندھ علیحدہ صوبہ بن گیا:
(الف) ۱۹۲۷ (ب) ۱۹۴۰ (ج) ۱۹۳۵ ✓ (د) ۱۹۳۸

(٦) دنیا میں نمک کی سب سے بڑی کان ہے:

(الف) کیبوڑو میں (ب) چاغی میں (ج) نکڑوال میں (د) کراچی میں

(۷) اقتصادی ترقی اس کی جانب سے لے جاتی ہے:

(الف) خوشحالی (ب) ایمانداری (ج) اخوت (د) مواقع

(۸) ۱۹۹۸ کی مردم شماری کے مطابق پاکستان میں خواتین کی تعلیمی شرح ہے:

(الف) ۳۶ فیصد (ب) ۴۰ فیصد (ج) ۴۶ فیصد (د) ۵۰ فیصد

(۹) ۔۔۔ مسلم ریاستوں کے سربراہان نے دوسری اسلامی کانفرنس میں شرکت کی تھی:

(الف) ۳۰ (ب) ۴۰ (ج) ۲۰ (د) ۱۵

(۱۰) نظریہ پاکستان کی اساس اس پر ہے:

(الف) انصاف (ب) اسلام (ج) اقتدار (د) بھائی چارہ

(۱۱) عیدالفطر اس مہینے میں منائی جاتی ہے:

(الف) صفر (ب) شوال (ج) ذیقعد (د) رجب

(۱۲) سندھ میں نصابی کتب کی تیاری اور ترقی کی ذمہ داری اس ادارہ کے سپرد ہے:

(الف) بورڈ آف سیکنڈری ایجوکیشن کراچی (ب) فیڈرل بورڈ (ج) سندھ ٹیکسٹ بک بورڈ (د) سکھر بورڈ

(۱۳) وہ لوگ، جو مختلف کاموں سے وابستہ ہوتے ہیں، ان وسائل کی تشکیل کرتے ہیں:

(الف) انسانی (ب) قدرتی (ج) حیوانی (د) معدنیاتی

(۱۴) اخوت کے معنی ہیں:

(الف) دوستی (ب) برداشت (ج) بھائی چارہ (د) قربانی

(۱۵) پاکستان کی پہلی تعلیمی کانفرنس سن عیسوی میں منعقد ہوئی:

(الف) ۱۹۴۸ (ب) ۱۹۴۷ (ج) ۱۹۵۰ (د) ۱۹۵۲

مطالعہ پاکستان ۲۰۱۰

وقت: ۲ گھنٹے (سائنس گروپ) کل نشانات: ۶۰

اہم ہدایات: یہ پرچہ جو مختصر جواب کے سوالات (حصہ ب) اور تفصیلی جواب کے سوالات (حصہ ج) پر مشتمل ہوگا۔ ۳۰ منٹ کے بعد دیا جائے گا اور اس کا کل دورانیہ صرف ۲ گھنٹے ہوگا

حصہ ب (مختصر جواب کے سوالات)

نوٹ: اس حصہ سے کل بارہ (۱۲) سوالوں کے جوابات مطلوب ہیں۔ تمام سوالوں کے نشانات مساوی ہیں کسی بھی سوال کا جواب تین یا چار جملوں سے زیادہ پر مشتمل نہ ہو۔ (۳۶)

سوال ۲۔ (۱) اسلام میں نافذ العمل جمہوریت کے کوئی سے تین اصول تحریر کیجیے۔

(۲) شاہ ولی اللہ کی تین اعلیٰ خدمات تحریر کیجیے۔

(۳) فرائضی تحریک کے بنیادی مقاصد پر تین جملے تحریر کیجیے۔

(۴) پاکستان کی ترقی وخوشحالی میں عوام کے کردار پر تین نکات تحریر کیجئے۔

(۵) پاکستان کے تین ہمسایہ ممالک کے نام لکھیے۔

(۶) مشرقی پاکستان کی علیحدگی کے تین اہم اسباب تحریر کیجئے۔

(۷) ماحولیاتی آلودگی کی تین اقسام تحریر کیجئے۔

(۸) پاکستان میں پائے جانے والی تین معدنیات کے نام اور ان کے استعمال لکھیے۔

(۹) پاکستان کے کوئی تین اہم زرعی مسائل تحریر کیجئے۔

(۱۰) پاکستان کی تین اہم شاہراہوں کے نام لکھیے۔

(۱۱) نقل مکانی کس طرح ملکی ترقی پر اثر انداز ہوتی ہے؟

(۱۲) غیر مسلموں کے تہواروں کے بارے میں آپ کیا جانتے ہیں؟

(۱۳) قومی تعلیمی پالیسی ۱۹۹۸ تا ۲۰۱۰ میں بیان کردہ تعلیم کے کوئی تین اہم خدوخال تحریر کیجئے۔

(۱۴) پاکستان کے شعبہ تعلیم کے تین مسائل تحریر کیجئے۔

(۱۵) جنوبی ایشیاء کے خطے میں پاکستان کے محل وقوع کی کیا اہمیت ہے؟

حصہ ج (تفصیلی جواب کے سوالات) (۲۴)

نوٹ: اس حصہ سے کسی دو سوالات کے جوابات لکھیے۔ تمام سوالوں کے نشانات مساوی ہیں

۳۔ (الف) علی گڑھ تحریک کے کارنامے تحریر کیجئے۔

(ب) قائداعظم کے چودہ نکات میں سے کوئی چار نکات تحریر کیجئے۔

۴۔ (الف) ۱۹۷۳ء کے آئین کے نمایاں خدوخال تحریر کیجئے۔

(ب) جنگلات کے فوائد کیا ہیں؟ ان کی اہمیت تحریر کیجئے۔

۵۔ (الف) پاکستان میں صنعتی ترقی کے فروغ کے لئے کیا اقدامات کئے جانے چاہئیں؟

(ب) مندرجہ ذیل میں سے کسی ایک پر نوٹ لکھیے: (۱) چینی کی صنعت

(۲) بحیثیت قومی زبان اردو کی اہمیت (۳) فنی اور پیشہ ورانہ تعلیم (۴) پاکستان ریلویز

مطالعہ پاکستان

۲۰۱۱

وقت: ۳۰ منٹ (نیا نصاب) کل نشانات: ۱۵

حصہ الف (لازمی) (کثیر الانتخابی سوالات) (۱۵)

دیئے ہوئے ممکنہ جوابات میں سے ہر ایک کے لئے درست جواب کا انتخاب کیجئے۔

(۱) کوہ قراقرم کے سلسلے کی بلند ترین چوٹی .... ہے۔

(الف) ترچ میر (ب) ننگا پربت (ج) کے ٹو ✓ (د) ہمالیہ

(۲) پاکستان کو ...... طبعی خطوں میں تقسیم کیا گیا ہے۔

(الف) ۴ ✓ (ب) ۶ (ج) ۸ (د) ۱۰

(۳) قائداعظم نے سن ...... عیسوی میں آل انڈیا مسلم لیگ میں شمولیت اختیار کی۔

(الف) ۱۹۱۳ ✓ (ب) ۱۹۳۹ (ج) ۱۹۰۸ (د) ۱۹۲۰

(۴) قرارداد مقاصد ۱۲ مارچ سن ...... عیسوی کو منظور کی گئی۔

(الف) ۱۹۴۷ (ب) ۱۹۴۹ ✓ (ج) ۱۹۴۸ (د) ۱۹۵۰

(۵) دنیا بھر میں کرومائیٹ کے سب سے بڑے ذخائر ...... میں پائے جاتے ہیں۔

(الف) پاکستان ✓ (ب) انڈیا (ج) چین (د) امریکہ

(۶) قومی شاہراہ کی لمبائی ...... کلومیٹر ہے۔

(الف) ۱۷۳۵ ✓ (ب) ۱۷۳۹ (ج) ۱۹۷۲ (د) ۱۷۲۵

(۷) پاکستان میں اوسط ...... افراد فی مربع کلومیٹر آباد ہیں۔

(الف) ۱۴۴ (ب) ۱۵۵ (ج) ۱۶۶ ✓ (د) ۱۷۷

(۸) پاکستان میں پہلی تعلیمی کانفرنس سن ...... عیسوی میں منعقد ہوئی۔

(الف) ۱۹۴۷ ✓ (ب) ۱۹۴۸ (ج) ۱۹۵۴ (د) ۱۹۶۰

(۹) عیدالاضحیٰ اس مہینے میں منائی جاتی ہے۔

(الف) صفر (ب) شوال (ج) ذوالحج ✓ (د) رجب

(۱۰) انڈیا پاکستان کے ...... میں واقع ہے۔

(الف) مشرق ✓ (ب) مغرب (ج) شمال (د) جنوب

(۱۱) ۱۹۷۳ کا آئین ...... طرز کا ہے۔

(الف) وحدانی (ب) صدارتی (ج) پارلیمانی ✓ (د) صوبائی

(۱۲) منگلا ڈیم دریائے .... پر تعمیر کیا گیا ہے۔
(الف) چناب (ب) سندھ (ج) جہلم (د) راوی
(۱۳) پاکستان میں .... سے زائد زبانیں بولی جاتی ہیں۔
(الف) ۳۰ (ب) ۴۰ (ج) ۵۰ (د) ۶۰
(۱۴) پاکستان کے قیام کے بعد پہلی مردم شماری سن .... میں ہوئی۔
(الف) ۱۹۶۲ (ب) ۱۹۵۲ (ج) ۱۹۵۱ (د) ۱۹۶۷
(۱۵) پاکستان کے ساحلی علاقے کی لمبائی تقریباً .... کلومیٹر ہے۔
(الف) ۷۰۰ (ب) ۸۰۰ (ج) ۸۵۰ (د) ۵۰۰

مطالعہ پاکستان ۲۰۱۱

وقت: ۲ گھنٹے (سائنس گروپ) کل نشانات: ۶۰

اہم ہدایات: یہ پرچہ جو مختصر جواب کے سوالات (حصہ ب) اور تفصیلی جواب کے سوالات (حصہ ج) پر مشتمل ہوگا۔ ۳۰ منٹ کے بعد دیا جائے گا اور اس کا کل دورانیہ صرف ۲ گھنٹے ہوگا۔

حصہ ب (مختصر جواب کے سوالات) (۳۶)

سوال ۲۔ اس حصہ سے کل بارہ (۱۲) سوالوں کے جوابات مطلوب ہیں۔ تمام سوالوں کے نشانات مساوی ہیں کسی بھی سوال کا جواب تین یا چار جملوں سے زیادہ پر مشتمل نہ ہو۔

(۱) اسلامی نظریہ کے تین بنیادی ارکان تحریر کیجئے۔
(۲) سید احمد شہید بریلویؒ کی تحریک بیان کیجئے۔
(۳) پاکستان میں افزائش آبادی میں اضافہ کی کوئی تین وجوہات تحریر کیجئے۔
(۴) پاکستان میں مردم شماری پر تین جملے لکھئے۔
(۵) پاکستان کی تین برآمدات اور تین درآمدات لکھئے۔
(۶) آل انڈیا مسلم لیگ کے قیام کے تین اغراض و مقاصد تحریر کیجئے۔
(۷) قرارداد مقاصد پر تین جملے لکھئے۔
(۸) قرارداد پاکستان پر تین جملے لکھئے۔
(۹) فنی و پیشہ وارانہ تعلیم کے فوائد پر تین جملے لکھئے۔
(۱۰) قدرتی گیس کی اہمیت پر تین جملے تحریر کیجئے۔
(۱۱) ۱۹۷۳ عیسوی کے آئین کی تین اسلامی دفعات لکھئے۔
(۱۲) پاکستان کی تین اہم صنعتوں کے نام اور ان کے مراکز تحریر کیجئے۔

(۱۳) دریائے سندھ پر تعمیر کردہ تین بندوں کے نام لکھیے۔

(۱۴) ثقافت سے کیا مراد ہے؟ ثقافت کی تین خصوصیات لکھیے۔

(۱۵) قیام پاکستان کے وقت جن مشکلات کا سامنا کرنا پڑا، ان میں سے کوئی تین لکھیے۔

(۱۶) پاکستان میں نظام تعلیم کے تین اہم مقاصد لکھیے۔

حصہ ج (تفصیلی جواب کے سوالات) (۲۴)

نوٹ: اس حصہ سے کسی دو سوالات کے جوابات لکھیے۔ تمام سوالوں کے نشانات مساوی ہیں

سوال ۲۔(الف) اسلامی نظریہ کے ماخذ بیان کیجیے۔

(ب) جنوبی ایشیاء میں پاکستان کے جغرافیائی محل وقوع کی اہمیت بیان کیجیے۔

سوال ۴۔(الف) بحیثیت قومی زبان اردو کی اہمیت بیان کیجیے۔

(ب) تحریک احیاء میں شاہ ولی اللہؒ کے کردار پر روشنی ڈالیے۔

سوال ۵۔(الف) پاکستان کے خاص زرعی مسائل تفصیل سے بیان کیجیے۔

(ب) مندرجہ ذیل میں سے کسی ایک پر نوٹ لکھیے۔ (۱) فرائضی تحریک (۲) جنگلات کی اہمیت
(۳) فلاحی مملکت میں فرد کا کردار (۴) سندھ طاس معاہدہ۔

مطالعہ پاکستان (نیا) ۲۰۱۳ء

وقت: ۲۰ منٹ (نیا نصاب) کل نشانات: ۱۵

حصہ الف (لازمی) (کثیر الانتخابی سوالات) (۱۵)

ا۔ دیئے ہوئے ممکنہ جوابات میں سے ہر ایک کے لئے درست جواب کا انتخاب کیجئے۔

(۱) دنیا کی سب سے بڑی نمک کی کان یہاں ہے:
(الف) بلوچستان (ب) سرحد (ج) پنجاب ✓ (د) خیبر پختونخواہ

(۲) پاکستان میں سوتی کپڑے کے کارخانوں کی تعداد تقریباً ہے:
(الف) ۶۰۰ (ب) ۵۰۰ ✓ (ج) ۱۰۵۰ (د) ۶۵۰

(۳) جنوبی ایشیاء میں پہلی مردم شماری اس سن عیسوی میں ہوئی تھی:
(الف) ۱۸۷۲ ✓ (ب) ۱۹۵۷ (ج) ۱۹۷۲ (د) ۱۹۸۱

(۴) صوبہ کا انتظامی سربراہ ہوتا ہے: (الف) چیف سیکریٹری (ب) وزیر اعلیٰ ✓ (ج) گورنر (د) اسپیکر

(۵) منگلا ڈیم اس دریا پر تعمیر کیا گیا ہے: (الف) کابل (ب) سندھ (ج) جہلم ✓ (د) چناب

(۶) میثاق لکھنؤ اس سن عیسوی میں دستخط ہوئے: (الف) ۱۹۲۰ (ب) ۱۹۳۰ (ج) ۱۹۱۶ ✓ (د) ۱۹۰۶

(۷) سندھ کو اس سن عیسوی میں علیحدہ صوبہ بنایا گیا:
(الف) ۱۹۴۷ (ب) ۱۹۳۵ ✓ (ج) ۱۹۲۷ (د) ۱۹۳۸

(۸) زندگی کا کوئی پہلو اس کے بغیر مکمل نہیں: (الف) مساوات (ب) عمل ✓ (ج) عدل (د) اخوت

(۹) شاہ ولی اللہ کا اصل نام تھا: (الف) عبدالرحیم (ب) شاہ عبدالکریم (ج) سید احمد (د) قطب الدین ✓

(۱۰) پاکستان کو اتنے آب و ہوائی خطوں میں تقسیم کیا جاتا ہے: (الف) ۴ ✓ (ب) ۳ (ج) ۲ (د) ۷

(۱۱) پاکستان کے پہلے وزیر اعظم کا نام تھا:
(الف) قائد اعظم (ب) لیاقت علی خان ✓ (ج) غلام محمد (د) چودھری محمد علی

(۱۲) اخوت کے معنی ہیں: (الف) دوستی (ب) برداشت (ج) ساتھی (د) بھائی چارہ ✓

(۱۳) پاکستان کا نام انہوں نے تجویز کیا:
(الف) مولانا شوکت علی (ب) چودھری رحمت علی ✓ (ج) چودھری نثار علی (د) چودھری برکت علی

(۱۴) ۱۹۶۲ء کے آئین کو منسوخ کیا:
(الف) جنرل رحیم نے (ب) غلام محمد نے (ج) جنرل ایوب خان نے ✓ (د) جنرل یحییٰ خان نے

(۱۵) صوبہ بلوچستان کا کل رقبہ مربع کلومیٹر میں ہے:
(الف) ۷۴۵۲۱ (ب) ۳۴۷۱۹۰ ✓ (ج) ۲۰۵۳۴۵ (د) ۲۷۴۲۰

مطالعہ پاکستان ۲۰۱۲

وقت: ۲ گھنٹے (سائنس گروپ) کل نشانات: ۶۰

اہم ہدایات: یہ پرچہ جو مختصر جواب کے سوالات (حصہ ب) اور تفصیلی جواب کے سوالات (حصہ ج) پر مشتمل ہوگا۔ ۳۰ منٹ کے بعد دیا جائے گا اور اس کا کل دورانیہ صرف ۲ گھنٹے ہوگا۔

حصہ ب (مختصر جواب کے سوالات)

سوال ۲۔ اس حصہ سے کل بارہ (۱۲) سوالوں کے جوابات مطلوب ہیں۔ تمام سوالوں کے نشانات مساوی ہیں کسی بھی سوال کا جواب تین یا چار جملوں سے زیادہ پر مشتمل نہ ہو۔ (۳۶)

(۱) علیگڑھ تحریک کے تین مقاصد تحریر کیجیے۔

(۲) تحریک پاکستان میں صوبہ سندھ کے کردار پر روشنی ڈالیے۔

(۳) قدرتی گیس کے تین استعمال تحریر کیجیے۔

(۴) اسلامی معاشرہ کی کوئی تین خصوصیات تحریر کیجیے۔

(۵) مردم شماری کی اہمیت پر تین جملے لکھیے۔ (۶) جنگلات کے تین فوائد تحریر کیجیے۔

(۷) بحیثیت گورنر جنرل قائداعظم کا کردار تین جملوں میں بیان کیجیے۔

(۸) کوئی تین اہم اسلامی تہواروں کے نام لکھیے۔

(۹) پاکستان کے اہم معدنی وسائل بیان کیجیے۔

(۱۰) قدرتی وسائل پر آبادی کا دباؤ کم کرنے کے لیے تین تجاویز پیش کیجیے۔

(۱۱) اسلامی فلاحی ریاست کے تین اہم فرائض تحریر کیجیے۔

(۱۲) اردو زبان کی افادیت پر تین جملے لکھیے۔ (۱۳) صوبہ کے کسی تین گورنروں کے نام تحریر کیجیے

(۱۴) کاروبار اور تجارت پر تین جملے لکھیے۔ (۱۵) قومی ترقی پر تین جملے تحریر کیجیے۔

حصہ ج (تفصیلی جواب کے سوالات) (۲۴)

نوٹ: اس حصہ سے کسی دو سوالات کے جوابات لکھیے۔

سوال ۳۔ (الف) پاکستان میں خوشحالی لانے کے لیے پاکستانیوں کو کیا کردار ادا کرنا چاہیے؟

(ب) پاکستان میں تعلیم کے شعبے کے اہم مسائل کیا ہیں؟ بیان کیجیے۔

سوال ۴۔ (الف) نظریہ پاکستان پر علامہ اقبال یا قائداعظم کے افکار کی وضاحت کیجیے۔

(ب) قائداعظم کے چودہ نکات میں سے کوئی نو نکات تحریر کیجیے۔

سوال ۵۔ (الف) قومی ترقی میں وسائل کی اہمیت کو اجاگر کیجیے۔

(ب) مندرجہ ذیل میں سے کسی ایک پر نوٹ لکھیے: (۱) پاکستان ریلوے (۲) نقد آور فصلیں (۳) ماحولیاتی مسائل (۴) ۱۹۷۳ء کے آئین کے نمایاں خدوخال

مطالعہ پاکستان ۲۰۱۳

وقت: ۳۰ منٹ　　(نیا نصاب)　　کل نشانات: ۱۵

حصہ الف (لازمی) (کثیر الانتخابی سوالات) (۱۵)

۱۔ دیئے ہوئے ممکنہ جوابات میں سے ہر ایک کے لئے درست جواب کا انتخاب کیجیے۔

(۱) پاکستان کے سب سے بڑے شہر کراچی کی آبادی تقریباً ہے:
(الف) ۵ ملین (ب) ۱۰ ملین (ج) ۱۵ ملین (د) ۲۰ ملین

(۲) شاہ ولی اللہ کی پیدائش دہلی کے قریب ایک گاؤں میں سن عیسوی میں ہوئی:
(الف) ۱۷۰۳ء (ب) ۱۲۰۳ء (ج) ۱۵۲۰ء (د) ۱۴۲۳ء

(۳) شاہراہ پاکستان کی کل لمبائی ہے:
(الف) ۱۹۳۵ کلومیٹر (ب) ۱۸۳۵ کلومیٹر (ج) ۱۷۳۵ کلومیٹر (د) ۱۶۳۵ کلومیٹر

(۴) نویں اور دسویں جماعتوں کی تعلیم کو کہا جاتا ہے:
(الف) پرائمری (ب) وسطی (ج) ثانوی (د) اعلیٰ ثانوی

(۵) زرعی شعبہ ملک کی ضروریات کا خام مال مہیا کرتا ہے تقریباً:
(الف) ۳۰ فیصد (ب) ۴۰ فیصد (ج) ۵۰ فیصد (د) ۶۰ فیصد

(۶) قائداعظم نے مسلم قومیت کے علیحدہ تشخص کی وضاحت کی:
(الف) ۱۹۳۰ء میں (ب) ۱۹۳۱ء میں (ج) ۱۹۳۵ء میں (د) ۱۹۴۷ء میں

(۷) ۱۹۶۲ء کا آئین بنوایا: (الف) جنرل ایوب خان نے (ب) جنرل یحییٰ خان نے
(ج) جنرل پرویز مشرف نے (د) ان میں سے کوئی نہیں

(۸) دنیا بھر کی ایٹمی قوت کے ممالک میں پاکستان کا ہے:
(الف) پہلا نمبر (ب) پانچواں نمبر (ج) چھٹا نمبر (د) ساتواں نمبر

(۹) سوتی کپڑے کی صنعت سے وابستہ پاکستان کے صنعتی مزدوروں کی تعداد ہے:
(الف) ۱۰ فیصد (ب) ۲۰ فیصد (ج) ۴۰ فیصد (د) ۵۰ فیصد

(۱۰) پاکستان میں بڑے شہروں کی تعداد ہے:
(الف) ۱۰ (ب) ۱۲ (ج) ۱۴ (د) ۱۶

(۱۱) دنیا میں سب سے زیادہ آبادی والے ممالک میں پاکستان کا شمار ہے:
(الف) تیسرا (ب) چوتھا (ج) پانچواں (د) چھٹا

(۱۲) سندھی زبان کی ترقی کے لئے ایک ادارہ مقتدرہ سندھی زبان سن عیسوی میں قائم کیا گیا:

(الف) ۱۹۹۶ء (ب) ۱۹۹۵ء (ج) ۱۹۹۷ء (د) ۱۹۹۹ء

(۱۳) سندھ کے موجودہ نگران وزیر اعلیٰ ہیں:

(الف) سید قائم علی شاہ (ب) ڈاکٹر عشرت العباد (ج) ارباب غلام رحیم (د) زاہد قربان علوی

(۱۴) دنیا کا سب سے بڑا آبپاشی کا نہری نظام ہے:

(الف) بھارت میں (ب) پاکستان میں (ج) افغانستان میں (د) چین میں

(۱۵) دوسری اسلامی سربراہ کانفرنس سن عیسوی میں لاہور میں منعقد ہوئی:

(الف) ۱۹۴۷ء (ب) ۱۹۵۲ء (ج) ۱۹۷۴ء (د) ۱۹۷۸ء

مطالعہ پاکستان ۲۰۱۳

وقت: ۲ گھنٹے (سائنس گروپ) کل نشانات: ۶۰

اہم ہدایات: یہ پرچہ مختصر جواب کے سوالات (حصہ ب) اور تفصیلی جواب کے سوالات (حصہ ج) پر مشتمل ہوگا۔ ۳۰ منٹ کے بعد دیا جائے گا اور اس کا کل دورانیہ صرف ۲ گھنٹے ہوگا۔

حصہ ب (مختصر جواب کے سوالات)

نوٹ: اس حصہ سے کل بارہ (۱۲) سوالوں کے جوابات مطلوب ہیں۔ تمام سوالوں کے نشانات مساوی ہیں کسی بھی سوال کا جواب تین یا چار جملوں سے زیادہ پر مشتمل نہ ہو۔ (۳۶)

سوال ۲۔ (۱) پاکستان کے کوئی تین قومی مقاصد لکھیے۔

(۲) پاکستان کے شعبہ تعلیم کے کوئی تین مسائل لکھیے۔

(۳) پاکستان کی کوئی تین صوبائی زبانوں کے نام لکھیے اور ہر زبان کے ایک ایک شاعر کا نام بھی لکھیے۔

(۴) پاکستان میں صنعتی ترقی کے لئے کوئی تین اقدامات لکھیے۔

(۵) پاکستان کے کوئی تین زرعی مسائل کی نشاندہی کیجیے۔

(۶) آب و ہوا کے انسانی زندگی پر کوئی تین اثرات لکھیے۔

(۷) مشرقی پاکستان، مغربی پاکستان سے کیوں علیحدہ ہوا؟ کوئی تین اسباب لکھیے۔

(۸) آل انڈیا مسلم لیگ کے قیام کے کوئی تین مقاصد لکھیے۔

(۹) اسلامی نظریہ کے کوئی تین بنیادی ماخذ لکھیے۔

(۱۰) قائداعظم کے چودہ نکات میں سے کوئی تین نکات لکھیے۔

(۱۱) انفارمیشن ٹیکنالوجی کی تعلیم کے کوئی تین مقاصد لکھیے۔

(۱۲) ای۔تجارت کے کوئی تین استعمال لکھیے۔

(۱۳) قرارداد پاکستان پر تین جملے لکھیے۔

(۱۴) عالمی امن اور بھائی چارے پر تین جملے لکھیے۔

(۱۵) شاہ ولی اللہ کی تحریک کے کوئی تین مقاصد لکھیے۔

حصہ ج (تفصیلی جواب کے سوالات) (۲۴)

نوٹ: اس حصہ سے کسی دو سوالات کے جوابات لکھیے۔

۳۔(الف) فلاحی ریاست سے کیا مراد ہے؟ ایک اسلامی فلاحی ریاست کا کیا تصور ہے؟

(ب) پاکستان میں افزائش آبادی کی کیا وجوہات ہیں؟ نیز افزائش آبادی کے تعلیم پر اثرات بیان کیجیے۔

۴۔(الف) اسلام میں جمہوریت کے اصول بیان کیجیے۔

(ب) ۱۹۷۳ء کے آئین کے اہم نکات تحریر کیجیے۔

۵۔(الف) بحیثیت قومی زبان اردو کی اہمیت بیان کیجیے۔

(ب) مندرجہ ذیل میں سے کسی ایک پر نوٹ لکھیے: (۱) پاکستان کی اہم معدنیات

(۲) پاکستان کے محل وقوع کی اہمیت (۳) تربیت اساتذہ (۴) دو قومی نظریہ

مطالعہ پاکستان ۲۰۱۴

وقت: ۳۰ منٹ (نیا نصاب) کل نشانات: ۱۵

حصہ الف (لازمی) (کثیر الانتخابی سوالات) (۱۵)

ا۔ دیئے ہوئے ممکنہ جوابات میں سے ہر ایک کے لئے درست جواب کا انتخاب کیجئے۔

(۱) پاکستان کا دستوری نام ہے: ☆ عوامی جمہوریہ پاکستان
☆ اسلامی مملکت پاکستان ☆ اسلامی جمہوریہ پاکستان ☆ جمہوریہ مملکت پاکستان

(۲) خیبر پختونخوا کا پرانا نام تھا: ☆ سوات ☆ شمالی مغربی سرحدی صوبہ ☆ پشاور ☆ خیبر

(۳) دوسری اسلامی سربراہ کانفرنس فروری ۱۹۷۴ء میں منعقد ہوئی:
☆ کراچی ☆ پشاور ☆ لاہور ☆ کوئٹہ

(۴) پاکستان کے اس صوبہ کو باب الاسلام کہا جاتا ہے:
☆ پنجاب ☆ سندھ ☆ خیبر پختونخوا ☆ بلوچستان

(۵) ۱۹۱۶ میں آل انڈیا مسلم لیگ اور کانگریس کے درمیان طے پانے والا عہدنامہ کہلاتا ہے:
☆ شملہ معاہدہ ☆ میثاق لکھنؤ ☆ سندھ طاس معاہدہ ☆ قانون آزادی ہند

(۶) شمال میں پاکستان کی سرحد پر واقع ملک ہے: ☆ چین ☆ روس ☆ نیپال ☆ بھوٹان

(۷) پاکستان رمضان کی اس تاریخ کو معرض وجود میں آیا: ☆ ۲۱ ☆ ۲۲ ☆ ۲۳ ☆ ۲۷

(۸) مطالبہ پاکستان کی بنیاد اس پر تھی:
☆ ہندو مسلم تنازع ☆ قوم پرستی ☆ دو قومی نظریہ ☆ مسلمانوں کی ترقی

(۹) پاکستان کی معیشت کی بنیاد اس پر تھی: ☆ صنعت ☆ تجارت ☆ زراعت ☆ ماہی گیری

(۱۰) برصغیر میں اسلام ان کے ذریعے پھیلا: ☆ فوج ☆ صوفیائے کرام ☆ شہنشاہوں ☆ اساتذہ

(۱۱) قائداعظم محمد علی جناح نے سرکاری افسران سے خطاب کرتے ہوئے فرمایا کہ وہ قوم کے:
☆ حاکم ہیں ☆ خادم ہیں ☆ افسر ہیں ☆ جانشین ہیں

(۱۲) سچل سرمست صوفی شاعر تھے اس صوبہ کے:
☆ پنجاب ☆ سندھ ☆ خیبر پختونخوا ☆ بلوچستان

(۱۳) صوبہ سندھ کے موجودہ گورنر ہیں:
☆ ارباب غلام رحیم ☆ سید قائم علی شاہ ☆ ڈاکٹر عشرت العباد خان ☆ ڈاکٹر عبدالوہاب

(۱۴) جنوبی ایشیاء کی ایک قدیم ترین زبان ہے: ☆ اردو ☆ سندھی ☆ عربی ☆ فارسی

(۱۵) پاکستان کی بلند ترین چوٹی کا نام ہے: ☆ نانگا پربت ☆ کے ٹو ☆ ترچ میر ☆ پیر پنجال

مطالعہ پاکستان ۲۰۱۴

وقت: ۲ گھنٹے (سائنس گروپ) کل نشانات: ۶۰

اہم ہدایات: یہ پرچہ مختصر جواب کے سوالات (حصہ ب) اور تفصیلی جواب کے سوالات (حصہ ج) پر مشتمل ہوگا۔ ۳۰ منٹ کے بعد دیا جائے گا اور اس کا کل دورانیہ صرف ۲ گھنٹے ہوگا۔

حصہ ب (مختصر جواب کے سوالات)

نوٹ: اس حصہ سے کل بارہ (۱۲) سوالوں کے جوابات مطلوب ہیں۔ (۳۶)

(i) پاکستان میں خواندگی کی شرح کس حالت میں ہے؟ چند جملوں میں بیان کیجیے۔

(ii) قائداعظم کے کردار کے تین اوصاف تحریر کیجیے۔ (iii) دو قومی نظریہ سے کیا مراد ہے؟ تین جملوں میں لکھیے۔ (iv) پاکستان کے تین مذہبی تہواروں کے نام لکھیے۔

(v) ہمارے ملک میں صنعتی ترقی کے لئے حکومت کے کئے گئے کوئی تین اقدامات تحریر کیجیے۔

(vi) پاکستان کے تین صوفیائے کرام کے نام لکھیے اور بتایئے ان کا تعلق کہاں سے ہے۔

(vii) ماحولیاتی آلودگی کے کوئی تین اسباب لکھیے۔

(viii) ۱۹۷۳ء کے آئین کی کوئی تین اسلامی دفعات تحریر کیجیے۔

(ix) تعلیم عامہ کے لئے حکومت کے کوئی تین اقدامات لکھیے۔

(x) پاکستان کی تین اہم دفاعی صنعتوں کے نام لکھیے۔ (xi) پاکستان میں افزائش آبادی کی تین وجوہات لکھیے۔ (xii) مشرقی پاکستان کی علیحدگی کے تین اہم اسباب لکھیے۔

(xiii) تحریک پاکستان میں سندھ کے کردار پر تین جملے لکھیے۔

(xiv) پاکستان میں ایٹمی (نیوکلیائی) توانائی پر تین جملے تحریر کیجیے۔

(xv) پاکستان میں خوشحالی لانے کے لئے پاکستانیوں کے کردار پر تین جملے لکھیے۔

حصہ ج (تفصیلی جواب کے سوالات) (۲۴)

نوٹ: اس حصہ سے کسی دو سوالات کے جوابات لکھیے۔

سوال ۳۔ (الف) جدوجہد پاکستان میں مسلم لیگ کے کردار پر روشنی ڈالیے۔

(ب) قرارداد مقاصد کے اہم خدوخال بیان کیجیے۔

سوال ۴۔ (الف) پاکستان میں تعلیم کے میدان میں انفارمیشن ٹیکنالوجی کے کیا مقاصد ہیں؟

(ب) پاکستان کے اہم زرعی مسائل کون سے ہیں؟ بیان کیجیے۔

سوال ۵۔ (الف) پاکستان کے اہم قومی مقاصد کیا ہیں؟

(ب) مندرجہ ذیل میں سے کسی ایک پر تفصیلی نوٹ لکھیے۔ (۱) اسلامی نظریہ کا ماخذ (۲) پاکستان کی زبانیں (۳) قرارداد پاکستان (۴) پاکستان کے محل وقوع کی اہمیت

مطالعہ پاکستان

(سائنس گروپ) نہم جماعت

۲۰۱۵ء

وقت: ۳ گھنٹے

(نیا نصاب)

کل نشانات: ۷۵

وقت: ۳۰ منٹ

حصہ "الف" (لازمی) کثیر الانتخابی سوالات

کل نشانات (۱۵)

نوٹ: تمام اجزاء کے جواب تحریر کیجئے۔

سوال نمبر ۱: دیئے ہوئے ممکنہ جوابات میں سے ہر ایک کے لئے درست جواب کا انتخاب کیجئے۔

(i) سلسلہ کوہ ہمالیہ کی کل لمبائی ہے:

(الف) ۲۴۳۰ کلومیٹر (ب) ۲۵۰۰ کلومیٹر (ج) ۸۱۲۶ کلومیٹر (د) ۴۶۰۰ کلومیٹر

(ii) پاکستان کے سن ۱۹۷۳ء کے دستور میں سرکاری زبان قرار دیا گیا ہے:

(الف) اردو کو (ب) سندھی کو (ج) بلوچی کو (د) پنجابی کو

(iii) پاکستان کے پہلے وزیراعظم تھے:

(الف) محمد علی بوگرہ (ب) خواجہ ناظم الدین (ج) قائداعظم (د) لیاقت علی خان

(iv) اسلام کی ابدی اساس ہے:

(الف) انجیل (ب) زبور (ج) توریت (د) قرآن مجید

(v) پاکستان میں سڑکوں کی کل لمبائی ہے:

(الف) ۲۵۹۷۵۸ کلومیٹر (ب) ۲۵۹۷۰۰ کلومیٹر (ج) ۲۵۹۶۰۰ کلومیٹر (د) ۲۵۷۵۰۰ کلومیٹر

(vi) حضرت عبداللہ شاہ غازیؒ کا مزار ہے:

(الف) اسلام آباد میں (ب) کراچی میں (ج) لاہور میں (د) ملتان میں

(vii) قائداعظم نے مسلم لیگ کی باگ ڈور سنبھالی:

(الف) ۱۹۱۳ میں (ب) ۱۹۴۰ میں (ج) ۱۹۳۴ میں (د) ۱۹۴۷ میں

(viii) پاکستان دنیا کی ایٹمی قوت ہے:

(الف) پانچویں (ب) ساتویں (ج) آٹھویں (د) دسویں

(ix) حضرت شاہ عبداللطیف بھٹائیؒ اس زبان کے مشہور شاعر تھے:

(الف) سندھی (ب) بلوچی (ج) پشتو (د) سرائیکی

(x) جنگِ آزادی اس سن عیسوی میں لڑی گئی:

(الف) ۱۸۵۰ میں (ب) ۱۸۵۷ میں (ج) ۱۸۸۰ میں (د) ۱۸۹۰ میں

(xi) جنرل یحییٰ خان نے اس سن کے آئین کو منسوخ کیا:

(الف) ۱۹۵۶ (ب) ۱۹۶۲ (ج) ۱۹۷۳ (د) ان میں سے کوئی نہیں

(xii) پاکستان کی توانائی کی ضرورت کا تقریباً ـــــ فیصد حصہ قدرتی گیس سے پورا ہوتا ہے:

(الف) ۲۰ (ب) ۲۵ (ج) ۳۰ (د) ۳۵

(xiii) اعلیٰ ثانوی سے بلند تر سطح کے لئے نصاب کی تیاری کی ذمہ داری ہے:

(الف) سندھ ٹیکسٹ بک بورڈ (ب) ہائر ایجوکیشن کمیشن (ج) انٹر بورڈ کراچی (د) میٹرک بورڈ کراچی

(xiv) پاکستان میں دوسرا بڑا پیشہ ہے:

(الف) زراعت (ب) تدریس (ج) تجارت (د) صنعت

(xv) قائداعظم نے مسلمانوں کو یوم نجات منانے کا مشورہ دیا سن:

(الف) ۱۹۳۹ میں (ب) ۱۹۴۰ میں (ج) ۱۹۴۲ میں (د) ۱۹۴۳ میں

وقت: ڈھائی گھنٹے حصہ "ب" اور "ج" کل نشانات: ۶۰

حصہ "ب" (مختصر جواب کے سوالات) (۳۶)

سوال نمبر ۲: اس حصے سے کسی بارہ (۱۲) سوالات کے جوابات دیجئے۔ تمام سوالات کے نشانات مساوی ہیں۔

(i) دُنیا میں امن کیوں ضروری ہے؟ چند جملوں میں لکھیے۔

(ii) پاکستان کے شعبۂ تعلیم کی تین خامیوں کی نشاندہی کیجئے۔

(iii) پاکستان میں خواندگی کی شرح کیا ہے؟ چند جملوں میں لکھیے۔

(iv) پاکستان میں کپاس اور شکر سازی کی صنعت پر چند جملے لکھیے۔

(v) پاکستان میں ایٹمی (نیوکلیائی) توانائی پر چند جملے لکھیے۔

(vi) تعریف کیجئے: (i) آب دھوا (ii) ماحولیاتی آلودگی (iii) زمینی آلودگی

(vii) قراردادِ مقاصد کے کوئی تین اہم خدوخال لکھیے۔

(viii) فرائضی تحریک کے کوئی تین مقاصد لکھیے۔

(ix) قومی کردار کی تعمیر میں نظریہ کا کیا مقام ہوتا ہے؟ تین نکات لکھیے۔

(x) ۳ جون کے پلان سے کیا مراد ہے؟ چند جملوں میں لکھیے۔

(xi) پاکستان کے تین صحراؤں کے نام لکھیے۔ (xii) پاکستان کے تین اہم قومی مقاصد لکھیے۔

(xiii) پاکستان کی آبادی کی تین خصوصیات لکھیے۔

(xiv) قراردادِ پاکستان پر تین جملے لکھیے۔

(xv) قائداعظم کے چودہ نکات میں سے کوئی تین نکات تحریر کیجئے۔

حصہ "ج" (بیانیہ جواب کے سوالات) (۲۴)

نوٹ: اس حصہ میں سے کوئی دو سوال کے جوابات لکھیے۔ تمام سوالات کے نشانات مساوی ہیں۔

۳۔ (الف) برصغیر میں تحریک احیائے اسلام میں سے کسی ایک تحریک کی خدمات بیان کیجئے۔

(i) شاہ ولی اللہؒ کی تحریک (ii) علی گڑھ تحریک

(ب) اسلام میں جمہوریت کے اُصول تفصیل سے بیان کیجئے۔

۴۔ (الف) تعلیم کی ثانوی سطح پر تعلیمی نصاب کے اہم اجزاء کیا ہیں؟ بیان کیجئے۔

(ب) پاکستان میں مسلسل تعمیری کاوشیں ضروری ہیں؟ بیان کیجئے۔

۵۔ (الف) بحیثیت قومی زبان اُردو کی اہمیت بیان کیجئے۔

(ب) مندرجہ ذیل میں سے کسی ایک پر تفصیلی نوٹ لکھیے۔

(i) پاکستان کے زرعی مسائل (ii) مشرقی پاکستان کی علیحدگی کے اسباب

(iii) دو قومی نظریہ (iv) فلاحی مملکت

مطالعہ پاکستان ۲۰۱۶

وقت: ۳۰ منٹ (نیا نصاب) کل نشانات: ۱۵

حصہ الف (لازمی) (کثیر الانتخابی سوالات) (۱۵)

ا۔ دئے ہوئے ممکنہ جوابات میں سے ہر ایک کے لئے درست جواب کا انتخاب کیجئے۔

(۱) حضرت شاہ ولی اللہ کا اصلی نام تھا:

☆ قطب الدین ☆ شریعت اللہ ☆ شاہ عبدالرحیم ☆ شاہ خلیل اللہ

(۲) پاکستان میں سڑکوں کی کل لمبائی ہے:

☆ ۲۵۹۷۵۸ کلومیٹر ☆ ۲۵۶۷۵۹ کلومیٹر ☆ ۲۵۹۸۵۷ کلومیٹر ☆ ۲۵۹۵۵۸ کلومیٹر

(۳) دوسری سربراہ کانفرنس منعقد ہوئی سن: ☆ ۱۹۷۰ء ☆ ۱۹۷۲ء ☆ ۱۹۷۴ء ☆ ۱۹۷۶ء

(۴) پاکستان کے جنوب مغرب میں ہمارا ہمسایہ ملک واقع ہے:

☆ چین ☆ ایران ☆ سعودی عرب ☆ بھارت

(۵) پاکستان اور بھارت کے درمیان خاص تنازعہ ہے:

☆ کارگل ☆ کشمیر ☆ مستون ☆ مکران

(۶) ڈیورنڈ لائن کی لمبائی ہے تقریباً:

☆ ۲۱۰۰ کلومیٹر ☆ ۲۲۵۲ کلومیٹر ☆ ۲۳۵۴ کلومیٹر ☆ ۲۴۰۰ کلومیٹر

(۷) پاکستان کے سب سے بڑے شہر کراچی کی آبادی ہے تقریباً:

☆ ۵ ملین ☆ ۱۰ ملین ☆ ۱۵ ملین ☆ ۲۰ ملین

(۸) سندھ کے موجودہ وزیر اعلیٰ ہیں:

☆ نثار کھوڑو ☆ آغا سراج درانی ☆ سید قائم علی شاہ ☆ ان میں سے کوئی نہیں

(۹) پاکستان میں قدرتی گیس پہلی مرتبہ دریافت ہوئی: ☆ خضدار ☆ اوتھل ☆ سوئی ☆ ژوب

(۱۰) صوبہ خیبر پختونخواہ کا پرانا نام تھا: ☆ سوات ☆ خیبر ☆ پشاور ☆ سرحد

(۱۱) کراچی شپ یارڈ اینڈ انجینئرنگ ورکس لمیٹیڈ کراچی میں قائم کیا گیا سن:

☆ ۱۹۵۶ء ☆ ۱۹۵۸ء ☆ ۱۹۶۰ء ☆ ۱۹۶۲ء

(۱۲) ۲۳ مارچ ۱۹۵۶ء کو پاکستان کا آئین نافذ ہوا:

☆ پہلا ☆ دوسرا ☆ تیسرا ☆ ان میں سے کوئی نہیں

(۱۳) سید احمد شہید بریلوی کی تحریر اس نام سے مشہور ہے:

☆ تحریک پاکستان ☆ تحریک مجاہدین ☆ تحریک لاہور ☆ ان میں سے کوئی نہیں

(۱۴) حضرت سلطان باہو اور حضرت بلھے شاہ اس زبان کے مشہور شاعر ہیں:
☆ سندھی ☆ بلوچی ☆ پنجابی ☆ پشتو
(۱۵) برصغیر کی تقسیم کے منصوبہ کا اعلان کیا گیا:
☆ ۳ جون ۱۹۴۷ء کو ☆ ۱۵ جون ۱۹۴۸ء کو ☆ ۲۰ مئی ۱۹۴۹ء کو ☆ ۲۵ جولائی ۱۹۵۰ء کو

مطالعہ پاکستان ۲۰۱۶

وقت: ڈھائی گھنٹے (ریگولر و پرائیوٹ) کل نشانات: ۶۰

حصہ ب (مختصر جواب کے سوالات) (۳۶)

سوال ۲۔ اس حصہ سے کل بارہ (۱۲) سوالوں کے جوابات مطلوب ہیں۔

(۱) پاکستان میں فنی اور پیشہ وارانہ تعلیم کی اہمیت چند جملوں میں لکھیے۔
(۲) پاکستان میں خواندگی کی شرح کس حالت میں ہے؟ چند جملوں میں لکھیے۔
(۳) قومی ترقی کی تعریف چند جملوں میں لکھیے۔
(۴) تحریک پاکستان میں سندھ کے کردار پر تین جملے لکھیے
(۵) تعلیم عامہ کے لئے حکومت کے کوئی تین اقدامات لکھیے۔
(۶) پاکستان کے تین صوفیائے کرام کے نام لکھیے اور بتائیے ان کا تعلق کہاں سے ہے؟
(۷) فرائضی تحریک کے کوئی تین مقاصد لکھیے۔
(۸) قائداعظم کے چودہ نکات میں سے کوئی تین نکات لکھیے۔
(۹) انفارمیشن ٹیکنالوجی کی تعلیم کے کوئی تین مقاصد لکھیے۔
(۱۰) ماحولیاتی آلودگی کے کوئی تین اسباب لکھیے۔ (۱۱) ثقافت کی کوئی تین خصوصیات لکھیے۔
(۱۲) تعریف لکھیے: درآمدات، برآمدات، تجارت۔
(۱۳) نظریہ پاکستان کے بارے میں قائداعظم کے کوئی تین ارشادات لکھیے۔
(۱۴) پاکستان میں ہر سال منائے جانے والے مسلمانوں کے تین تہواروں کے نام لکھیے۔
(۱۵) پاکستان کے زرعی مسائل کے حل کے لئے تین اقدامات تحریر کیجیے۔

حصہ ج (تفصیلی جواب کے سوالات) (۲۴)

نوٹ: اس حصہ سے کسی دو سوالات کے جوابات لکھیے۔ تمام سوالوں کے نشانات مساوی ہیں۔

سوال ۳۔ (الف) فلاحی مملکت سے کیا مراد ہے؟ فلاحی مملکت کا اسلامی تصور کیا ہے؟
(ب) مشرقی پاکستان، مغربی پاکستان سے کیوں علیحدہ ہوا؟ ان اسباب کی وضاحت کیجیے۔
سوال ۴۔ (الف) قائداعظم کے کردار کی ان نمایاں صفات پر روشنی ڈالیے جو دوسروں کے لئے نمونہ ہیں۔

مطالعہ پاکستان ۲۰۱۷

وقت: ۳۰ منٹ (نیا نصاب) کل نشانات: ۱۵

حصہ الف (لازمی) (کثیر الانتخابی سوالات) (۱۵)

ا۔ دیئے ہوئے ممکنہ جوابات میں سے ہر ایک کے لئے درست جواب کا انتخاب کیجئے۔

(۱) سندھی زبان اس کے ترمیم شدہ رسم الخط میں لکھی جاتی ہے:

☆ فارسی ☆ ترکی ☆ عربی ☆ ہندی

(۲) دنیا میں نمک کی سب سے بڑی کان واقع ہے:

☆ کراچی میں ☆ چاغی میں ☆ مکڑوال میں ☆ کھیوڑہ میں

(۳) سلسلہ ہندوکش کی بلند ترین چوٹی ہے:

☆ نانگا پربت ☆ ترچ میر ☆ کے۔ٹو ☆ تخت سلیمان

(۴) پاکستان اسٹیل مل اس ملک کے تعاون سے قائم ہوئی:

☆ چین ☆ روس ☆ امریکہ ☆ ایران

(۵) چین پاکستان کی اس جانب واقع ہے: ☆ مشرق ☆ مغرب ☆ شمال ☆ جنوب

(۶) رقبہ کے لحاظ سے پاکستان کا سب سے بڑا صوبہ ہے:

☆ سندھ ☆ بلوچستان ☆ پنجاب ☆ خیبر پختونخوا

(۷) ۱۹۹۸ء کی مردم شماری کے مطابق کراچی کی آبادی ہے:

☆ ۱۰ ملین ☆ ۱۸ ملین ☆ ۵ ملین ☆ ۲۰ ملین

(۸) پاکستان کے پہلے وزیر اعظم تھے:

☆ قائداعظم ☆ محمد علی بوگرہ ☆ لیاقت علی خان ☆ خواجہ ناظم الدین

(۹) دنیا کا سب سے بڑا آب پاشی کا نظم یہاں ہے: ☆ انڈیا ☆ پاکستان ☆ افغانستان ☆ چین

(۱۰) رحمان بابا اور خوشحال خان خٹک اس زبان کے مشہور شاعر ہیں:

☆ سندھی ☆ بلوچی ☆ پشتو ☆ سرائیکی

(۱۱) جنگ آزادی اس سن عیسوی میں شروع ہوئی: ☆ ۱۸۴۷ء ☆ ۱۸۵۷ء ☆ ۱۸۹۰ء ☆ ۱۸۷۰ء

(۱۲) پاکستان کے موجودہ صدر ہیں:

☆ پرویز مشرف ☆ آصف علی زرداری ☆ ممنون حسین ☆ ان میں سے کوئی نہیں

(۱۳) قرارداد پاکستان اس سن عیسوی میں منظور ہوئی:

☆ ۱۹۴۰ء ☆ ۱۹۴۹ء ☆ ۱۹۵۰ء ☆ ۱۹۵۱ء

(۱۴) نویں اور دسویں جماعتوں میں دی جانے والی تعلیم کو کہا جاتا ہے:

☆ پرائمری ☆ مڈل ☆ سیکنڈری ☆ اعلیٰ تعلیم

(۱۵) پاکستان کی آبادی کی اکثریت اس سے وابستہ ہے:

☆ زراعت ☆ تجارت ☆ ماہی گیری ☆ ان میں سے کوئی نہیں

مطالعہ پاکستان ۲۰۱۷

وقت: ڈھائی گھنٹے (ریگولر و پرائیوٹ) کل نشانات: ۶۰

حصہ ب (مختصر جواب کے سوالات) (۳۶)

سوال ۲۔ اس حصہ سے کل بارہ (۱۲) سوالوں کے جوابات مطلوب ہیں۔

(i) پاکستان کی کوئی تین صوبائی زبانوں کے نام تحریر کیجیے۔

(ii) سندھ کے تین گورنروں کے نام تحریر کیجیے۔

(iii) پاکستان کی کوئی تین درآمدات اور تین برآمدات تحریر کیجیے۔

(iv) پاکستان کی آبادی کی خصوصیات تحریر کیجیے۔

(v) پاکستان میں ہر سال منائے جانے والے مسلمانوں کے تین تہواروں کے نام لکھیے۔

(vi) دو قومی نظریہ کیا ہے؟ تین جملوں تحریر کیجیے۔

(vii) جنگلات کی اہمیت پر تین جملے تحریر کیجیے۔

(viii) پاکستان کی تین اہم صنعتوں کے نام تحریر کیجیے۔

(ix) قرارداد مقاصد کیا ہے؟ تین جملوں میں تحریر کیجیے۔

(x) قائداعظم کے چودہ نکات میں سے کوئی تین نکات تحریر کیجیے۔

(xi) قدرتی گیس کے کوئی تین استعمالات تحریر کیجیے۔

(xii) پاکستان کی تیزی سے بڑھتی ہوئی آبادی کے کوئی تین اسباب تحریر کیجیے۔

(xiii) آل انڈیا مسلم لیگ کے قیام کے کوئی تین اغراض و مقاصد تحریر کیجیے۔

(xiv) پاکستان کے تین ہمسایہ ممالک کے نام تحریر کیجیے۔

(xv) ۱۹۷۳ء کے آئین کی کوئی تین اسلامی دفعات تحریر کیجیے۔

حصہ ج (تفصیلی جواب کے سوالات) (۲۴)

نوٹ: اس حصہ سے کسی دو سوالات کے جوابات لکھیے۔ تمام سوالوں کے نشانات مساوی ہیں۔

سوال ۳۔ (الف) پاکستان کے اہم زرعی مسائل کیا ہیں؟ ان مسائل کو حل کرنے کے لئے کیے جانے والے حکومت پاکستان کے اقدامات کی وضاحت کیجیے۔

(ب) قیام پاکستان کے سلسلے میں سندھ یا پنجاب کے کردار کو بیان کیجیے

سوال ۴۔ (الف) کسی ملک کی ترقی میں تعلیم کی اہمیت بیان کیجیے نیز پاکستان کے اہم تعلیمی مسائل تحریر کیجیے

(ب) بحیثیت قومی زبان اردو کی اہمیت بیان کیجیے۔

سوال ۵۔ (الف) فلاحی مملکت سے کیا مراد ہے؟ اسلام میں ایک فلاحی مملکت کا تصور بیان کیجیے۔

(ب) مندرجہ ذیل میں کسی ایک پر نوٹ لکھیے۔ (۱) اسلام میں جمہوریت کے اصول

(۲) پاکستان کی ثقافت (۳) قرارداد پاکستان

مطالعہ پاکستان ۲۰۱۸

وقت: ۳۰ منٹ (نیا نصاب) کل نشانات: ۱۵

حصہ الف (لازمی) (کثیر الانتخابی سوالات) (۱۵)

۱۔ دیئے ہوئے ممکنہ جوابات میں سے ہر ایک کے لئے درست جواب کا انتخاب کیجئے۔

(۱) قراردادِ مقاصد اس سن عیسوی میں منظور ہوئی: ☆ ۱۹۴۸ ☆ ۱۹۴۹ ☆ ۱۹۵۰ ☆ 1951

(۲) دنیا کی سب سے زیادہ آبادی والے ممالک میں پاکستان کا نمبر ہے:

☆ دوسرا ☆ چوتھا ☆ چھٹا ☆ آٹھواں

(۳) یہ اجرک ہمارے ملک میں بہت مشہور ہے: ☆ سندھی ☆ بلوچی ☆ پنجابی ☆ پشتو

(۴) صوبہ سندھ کے موجودہ وزیراعلیٰ ہیں:

☆ سید قائم علی شاہ ☆ سید مراد علی شاہ ☆ سید خورشید احمد شاہ ☆ سید غوث علی شاہ

(۵) پاکستان اور بھارت کے درمیان اہم وجہ تنازع ہے: ☆ کارگل ☆ کشمیر ☆ مری ☆ سوات

(۶) قائداعظم نے آل انڈیا مسلم لیگ میں شمولیت اس سن عیسوی میں کی:

☆ ۱۹۱۳ ☆ ۱۹۳۶ ☆ ۱۹۰۶ ☆ ۱۹۲۰

(۷) پاکستان میں پہلی تعلیمی کانفرنس اس سن عیسوی میں ہوئی:

☆ ۱۹۴۷ ☆ ۱۹۴۸ ☆ ۱۹۵۴ ☆ ۱۹۶۰

(۸) پاکستان میں سوتی کپڑے کی صنعت سے وابستہ صنعتی مزدوروں کی تعداد ہے تقریباً:

☆ دس فیصد ☆ بیس فیصد ☆ چالیس فیصد ☆ پچاس فیصد

(۹) مشرقی پاکستان ہم سے اس سن عیسوی میں علیحدہ ہوا:

☆ ۱۹۷۱ ☆ ۱۹۶۵ ☆ ۱۹۴۷ ☆ ۱۹۷۷

(۱۰) وارث شاہ اور میاں محمد بخش اس زبان کے صوفی شاعر تھے:

☆ سندھی ☆ بلوچی ☆ پنجابی ☆ سرائیکی

(۱۱) سندھ میں نصابی کتب کی تیاری اور ترقی کی ذمہ داری اس ادارے کے سپرد ہے:

☆ ثانوی تعلیمی بورڈ کراچی ☆ تعلیمی فاؤنڈیشن

☆ سندھ ٹیکسٹ بک بورڈ جامشورو ☆ اعلیٰ تعلیمی کمیشن

(۱۲) نظریہ پاکستان کی اساس اس پر ہے:

☆ انصاف ☆ اسلام ☆ اقدار ☆ ان میں سے کوئی نہیں

(۱۳) پاکستان کے شمال مغرب میں ہمارا ہمسایہ ملک ہے:

☆ چین ☆ ایران ☆ افغانستان ☆ بھارت

(۱۴) حضرت شاہ ولی اللہؒ کی پیدائش اس سن عیسوی میں ہوئی:

☆ ۱۷۱۲ ☆ ۱۷۰۹ ☆ ۱۷۰۶ ☆ ۱۷۰۳

(۱۵) پاکستان کی سب سے بڑی زرعی یونیورسٹی ہے:

☆ لاہور میں ☆ فیصل آباد میں ☆ کراچی میں ☆ حیدر آباد میں

مطالعہ پاکستان ۲۰۱۸

وقت: ڈھائی گھنٹے (ریگولر و پرائیوٹ) کل نشانات: ۶۰

حصہ ب (مختصر جواب کے سوالات) (۳۶)

سوال ۲۔ اس حصہ سے کل نو (۹) سوالوں کے جوابات مطلوب ہیں۔

(۲) حضرت شاہ ولی اللہؒ کی کوئی چار قابل تعریف خدمات تحریر کیجیے۔

(۳) انفارمیشن ٹیکنالوجی کی تعلیم کے کوئی چار اہم مقاصد تحریر کیجیے۔

(۴) پاکستان میں خواندگی کی شرح کس حالت میں ہے؟ چند جملوں میں بیان کیجیے۔

(۵) ثقافت کی تعریف کیجیے اور پاکستان کی ثقافت کی کوئی تین خصوصیات تحریر کیجیے۔

(۶) مشرقی پاکستان کی علیحدگی کے کوئی چار اسباب لکھیے۔

(۷) تعلیم عامہ کے لیے حکومت کے کوئی چار اقدامات لکھیے۔

(۸) قائداعظم کے چودہ نکات میں سے کوئی چار نکات تحریر کیجیے۔

(۹) پاکستان میں پائی جانے والی کوئی چار معدنیات کے نام تحریر کیجیے۔

(۱۰) پاکستان کے کسی چار صوفیائے کرام کے نام لکھیے اور ان کا تعلق کہاں سے ہے؟

(۱۱) صنعتوں کو درپیش چار اہم مسائل کی نشاندہی کیجیے۔

(۱۲) آل انڈیا مسلم لیگ کے قیام کے کوئی چار مقاصد لکھیے۔

(۱۳) پاکستان میں ماحولیاتی آلودگی کے چار اسباب بیان کیجیے۔

(۱۴) ایک شہری کے کوئی چار حقوق و فرائض تحریر کیجیے۔

حصہ ج (تفصیلی جواب کے سوالات) (۲۴)

نوٹ: اس حصہ سے کسی دو سوالات کے جوابات لکھیے۔ تمام سوالوں کے نشانات مساوی ہیں۔

(۱۵) قائداعظم کے کردار کی وہ نمایاں صفات واضح کیجیے جو انہیں دوسروں کے لیے نمونہ بناتی ہیں۔

(۱۶) بدعنوانی کے کیا معنی ہیں؟ اور معاشرے پر اس کے کون کون سے اثرات پڑتے ہیں؟

---یا--- بحیثیت قومی زبان اردو کی اہمیت بیان کیجیے۔

(۱۷) اسلام میں جمہوریت کے اہم اصول بیان کیجئے۔

(۱۸) پاکستان میں فنی (ٹیکنیکل) اور پیشہ ورانہ تعلیم کی اہمیت بیان کیجئے۔

(۱۹) مندرجہ ذیل میں سے کسی ایک پر نوٹ لکھیے: (۱) پاکستان کے اہم زرعی مسائل

(۲) علی گڑھ تحریک کے اہم کارنامے (۳) پاکستان کے قومی مقاصد

مطالعہ پاکستان ۲۰۱۹

وقت: ۳۰ منٹ (نیا نصاب) کل نشانات: ۱۵

حصہ الف (لازمی) (کثیر الانتخابی سوالات) (۱۵)

ا۔ دیئے ہوئے ممکنہ جوابات میں سے ہر ایک کے لئے درست جواب کا انتخاب کیجئے۔

(۱) پاکستان رمضان کی اس تاریخ کو معرض وجود میں آیا: ☆ 21 ☆ 22 ☆ 23 ☆ 27

(۲) شاہ ولی اللہ کا انتقال اس سن عیسوی میں ہوا:

☆ 1761 ☆ 1762 ☆ 1763 ☆ 1764

(۳) جمہوری حکومت سے مراد ہے:

☆ پارٹی کی حکومت ☆ بادشاہ کی حکومت ☆ عوام کی حکومت ☆ قبیلہ کی حکومت

(۴) صوبہ سندھ کے موجودہ گورنر کا نام ہے:

☆ عشرت العباد ☆ عمران اسمٰعیل ☆ محمد زبیر ☆ ممنون حسین

(۵) پاکستان میں لوگوں کی اکثریت منسلک ہے:

☆ زراعت سے ☆ تجارت سے ☆ درس و تدریس سے ☆ ان سب سے

(۶) دو قومی نظریہ پیش کیا:

☆ شاہ ولی اللہ نے ☆ محمد علی جناح نے ☆ سر سید احمد خان نے ☆ سید احمد شہید بریلوی نے

(۷) پاکستان اور بھارت کے درمیان خاص تنازعہ ہے: ☆ کارگل ☆ کشمیر ☆ مستون ☆ مکران

(۸) پاکستان کی سب سے اہم بندرگاہ ہے: ☆ گوادر ☆ پسنی ☆ کراچی ☆ پورٹ قاسم

(۹) سلسلہ ہائے قراقرم کی اوسط لمبائی ہے:

☆ 5000 ☆ 7000 ☆ 8000 ☆ 10000

(۱۰) قرارداد مقاصد اس سن عیسوی میں منظور کی گئی:

☆ 1947 ☆ 1948 ☆ 1949 ☆ 1950

(۱۱) اقتصادی ترقی اس کی جانب لے جاتی ہے:

☆ ایمانداری ☆ خوشحالی ☆ اخوت ☆ مواقع

(۱۲) پاکستان کے پہلے وزیر اعظم تھے:

☆ غلام محمد ☆ چودھری محمد علی ☆ لیاقت علی خان ☆ قائد اعظم

(۱۳) مطالعہ پاکستان کی بنیاد تھی:

☆ ہندو مسلم تنازعہ ☆ قوم پرستی ☆ دو قومی نظریہ ☆ مسلمانوں کی ترقی

(۱۴) دنیا کا سب سے بڑا آبپاشی کا نہری تنازعہ ہے:

☆ بھارت میں ☆ پاکستان میں ☆ افغانستان میں ☆ چین میں

(۱۵) پاکستان کا نام انہوں نے تجویز کیا: ☆ مولانا شوکت علی نے

☆ چودھری رحمت علی نے ☆ چودھری نثار علی نے ☆ چودھری برکت علی نے

مطالعہ پاکستان ۲۰۱۹

وقت: ڈھائی گھنٹے (ریگولر و پرائیوٹ) کل نشانات: ۶۰

حصہ ب (مختصر جواب کے سوالات) (۳۶)

نوٹ: اس حصہ سے کل نو (9) سوالوں کے جوابات مطلوب ہیں۔

سوال ۲۔ قائداعظم کے چودہ نکات میں سے کوئی چار نکات لکھئے۔

سوال ۳۔ پاکستان کی کوئی چار اہم دفاعی صنعتوں کے نام تحریر کیجئے۔

سوال ۴۔ پاکستان میں ایٹمی یا نیوکلیاتی توانائی پر چار جملے تحریر کیجئے۔

سوال ۵۔ جمہوری حکومت کی کوئی چار خوبیاں تحریر کیجئے۔ سوال ۶۔ ای۔ تجارت کے کوئی چار استعمالات تحریر کیجئے

سوال ۷۔ پاکستان میں خوشحالی لانے کے لئے پاکستانیوں کے کردار پر چار جملے لکھئے۔

سوال ۸۔ دو قومی نظریہ سے کیا مراد ہے؟ چار جملوں میں لکھئے۔

سوال ۹۔ پاکستان کی کوئی چار درآمدی اور برآمدی اشیاء کے نام تحریر کیجئے۔

سوال ۱۰۔ ثقافت کی چار خصوصیات لکھئے۔

سوال ۱۱۔ پاکستان میں پائے جانے والی کوئی چار معدنیات کے نام اور استعمال بیان کیجئے۔

سوال ۱۲۔ جنگلات کے کوئی چار فوائد تحریر کیجئے۔ سوال ۱۳۔ علی گڑھ تحریک کے چار اہم مقاصد تحریر کیجئے۔

سوال ۱۴۔ قدرتی وسائل پر آبادی کا دباؤ کم کرنے کے لئے کوئی چار تجاویز پیش کیجئے۔

حصہ ج (تفصیلی جواب کے سوالات) (۲۴)

نوٹ: اس حصہ سے کسی دو سوالات کے جوابات لکھئے۔ تمام سوالوں کے نشانات مساوی ہیں۔

سوال ۱۵۔ پاکستان کے خاص زرعی مسائل کیا ہیں؟ تفصیل سے تحریر کیجئے۔

سوال ۱۶۔ فلاحی ریاست سے کیا مراد ہے؟ ایک اسلامی ریاست کا کیا تصور ہے؟

سوال ۱۷۔ جنوبی ایشیاء میں پاکستان کے محل وقوع کی اہمیت واضح کیجئے۔

سوال ۱۸۔ بحیثیت قومی زبان اردو کی اہمیت بیان کیجئے۔

سوال ۱۹۔ مندرجہ ذیل میں سے کسی ایک پر نوٹ لکھئے۔ (۱) سندھ طاس معاہدہ

(۲) انفارمیشن ٹیکنالوجی (۳) فرائضی تحریک

سنڌي سليس ٢٠٠٤

وقت ٣ ڪلاڪ (ڪلاس نائون - سائنس گروپ) ڪل مارڪون ٧٥

١- هيٺين مان ڪنهن به هڪ عنوان تي مضمون لکو:- ٨

بهار جي موسم - منهنجو استاد -

ريلوي اسٽيشن

٢- هيٺين مان ڪن ٻن بيتن جي سمجهاڻي ڏيو:- ٦

(i) جو ڙيا ئين جهان کي، چئي ڪُن فيڪون،
ڪو ڙين ڪوڙ پسارا، ڏين مَن ورونهي ڏون.

(ii) اسان جي قوم کي آزاد ڪر، قرض ۽ مرض کان،
اسان جي قوم کي آباد ۽ دلشاد ڪر مولا.

(iii) مزورن ۽ ڪڙمين سان مهمان آهيون،
فقيرن جي مجلس جو سينگار آهيون.

(iv) جنگ جدل آهي چوڌاري، انسان جو رت آجاري،
ساڙي آهي دنيا ساري، نفرت جي پرچار.

٣- اسڪول جي هيڊ ماسٽر يا هيڊ ماسترياڻي کي في معاف ڪرڻ لاءِ درخواست لکو. يا ٨

پنهنجي دوست يا ساهيڙي کي خط لکي، امتحان ۾ پهريون نمبر اچڻ تي ڪيس مبارڪ باد ڏيو.

٤- هيٺين مان ڪن به پنجن سوالن جا جواب لکو:- ١٠

(i) حضرت امام جعفر صادقؑ جا ڪهڙا مشهور شاگرد ٿي گذريا آهن؟

(ii) اتحاد نه هئڻ ڪري قوم کي ڪهڙو نقصان ٿيندو؟

(iii) مائي خيريءَ ڪڏهن وفات ڪئي ۽ سندس مقبرو ڪٿي آهي؟

(iv) وادي مائيءَ کي ڪهڙو شرط ٻڌايو؟

(v) بڙائيءَ ۽ رنگ جي لحاظ کان اجرڪ جا ڪيترا قسم آهن؟

(vi) ڪينجهر ڍنڍ تي اهو نالو ڪيئن پيو؟

(vii) ڪافيءَ جو بادشاهه ڪنهن کي چيو وڃي ٿو؟

(viii) بادشاهه ڪيئن پيرو خواب ۾ ڏٺو؟

(iv) بلنديءَ حاصل ڪرڻ لاءِ شاعر ڪهڙي صلاح ڏني ٿو؟

(v) ڏئي ۾ ڪهڙي چڱائي رکيل آهي؟

۵- هيٺين مان ڪن به ڇهن لفظن جا جملا ٺاهيو:- ۸

ويهڻ - تتڻ - پيڙهي - پيشوا - پڇاڙڻو -
ويڙهه - اوير - نيٺ

۶- (الف) هيٺين مان ڪنهن به هڪ سبق جو خلاصو لکو:- ۷

(i) جهڙو راڄ تهڙو ڀاڳ (ii) نصرپور (iii) ڪينجهر ڍنڍ

(ب) هيٺين سٽن جو اردو ۾ ترجمو ڪريو:- ۳

رڍ ته هميشه ٻمار ۽ اڄوا جرو هجي، تنهن کان پوءِ
اهو به ڌيان رکڻ گهرجي ته رڍ ٺي کي مهيني ۾ ڪانپوءِ
ليپو ضرور ڏجي. رڍ ٻڪريءَ جي پيتي جي تانون
کي چارسان ملي صاف ڪجي.

يا

هيٺ ڏنل پيراگراف جو سنڌيءَ ۾ ترجمو ڪريو:-

ایک گاؤں میں ایک بیوہ رہتی تھی۔ اس کا ایک بیٹا تھا۔ اس نے
سوچا کہ اپنے بیٹے کو کوئی ہنر سکھایا جائے۔ یہ سوچ کر وہ اپنے بیٹے کو
لے کر شہر آئی۔ شہر میں ایک بڑھئی کو دیکھا جو بسولے سے لکڑی کے
چھلکے اتار رہا تھا۔

۷- (الف) ڏنگين مان صحيح لفظ چونڊي خال ڀريو:- ۵

(i) حضرت سلمان رضه .... جو رهاڪو هو.
(ايران - اصفهان - آفريڪا)

(ii) قومن جي ترقي ۾ تنزل، ڪمال ۽ زوال جو دارومدار
.... تي آهي. (تنظيم - اتحاد - يقين محڪم)

(iii) خط جي جنهن ڀاڱي ۾ حال احوال لکيو آهي، ان کي
.... چئبو آهي. (سرو - عبارت - انڪريس)

(iv) بادشاهه پهلو ڌڻي خواب ۾ .... ڏٺي.
(لومڙي - نزار - ڍڳي)

(v) مرڍ ٻڪرين جي لاءِ ٽين ضروري ڳالهه .... آهي.
(وقت جي پابندي - صفائي ۽ سنڀال)

(ب) هيٺ ڏنل خالي جاين ۾ مناسب لفظن سان ڀريو:- ۵

(i) ماڻڪي خيري هڪ قديم مسجد .... شهر ۾ جوڙائي.

(ii) ڪلهوڙن جي حڪومت .... جو .... ۾ ٿيو.

(iii) "ادبي آئينو" ....

(iv) ارشد پڙهي وڃي وڏو آفيسر ٿيو ڇو .... پنهنجو سڀالڻ لڳو.

(v) سنڌ جو مشهور ڏاهو وتايو فقير .... شهر جو رهاڪو هو.

۸-(الف) هيٺين لفظن مان ڪن به چئن لفظن جا ضد لکو:- ۴

رهبر - عوام - جوان - خالي - گھٽ - خلاف - تڪرار - برائي

(ب) ڪن به ٽن جا مذڪر يا مونث لکو:- ۳

جھرڪ - ڏيڏر - هرڻ - پاڙو - گاڏي - گڏهه

(ج) ڪن به ٽن لفظن جا واحد يا جمع لکو:- ۳

لغت - ڇوڪرو - موريون - ڪرسي - موسمون - پيپ

(د) هيٺ ليڪ ڏنل لفظن جي گرامر موجب سڃاڻپ ڪريو:- ۵

(i) نصير گھر ۾ آهي.

(ii) مون وٽ پنج قلم آهن.

(iii) درزي ڪپڙا سبندو آهي.

(iv) ارشد لکي وڃي ٿو.

(v) سليم ۽ ڪليم پاڻ ۾ پيارا آهن.

سنڌي سليس (لازمي) ۲۰۰۵

۱- هيٺين مان ڪنهن به هڪ عنوان تي مضمون لکو:-

(i) منهنجو پسنديده شاعر (iii) ڪمپيوٽر جا فائدا

(ii) تندرستي هزار نعمت آهي

۲- هيٺين مان ڪن به ٻن بيتن جي سمجهاڻي ڏيو ۽ نظم ۽ شاعر جو نالو پڻ لکو:-

(i) منهنجو اندر اڌ ڪيو، فنا هن فراق،
مري لئي مشتاق، ڪاڪروڙ ۽ وڍڻ جي.

(ii) جَلي جي پيٽ کي سُهائو ڏيڻ لاءِ،
ليڪن گهورن تان پتنگا ٿين ٿا!

(iii) انسان کي ڏي خدا توفيق، طاقت، همت ۽ حشمت،

اساڻ ماڻ ڪي آئين جهڙا عجب انسان ڪري پيدا.

(iv) تنهنجي مٽيءَ ۾ مشڪ ۽ تنهنجي هوائن ۾ ڪهڪاءُ،
مهراڻ جي هر موج ڇڻ امرت سنڌي ڌارا وطن!

(v) اساڻ جي قوم تي سڏين، اساڻ جي قوم ۾ غمگين،
تون تنهن جو شال حامي هُين، ڪرين تنهن کي تون بي پروا.

۳- پنهنجي ڳوٺ جي ناظم کي پنهنجي علائقي جي صفائي، رستن جي مرمت ۽ پاڻيءَ جي قلت کي ختم ڪرڻ لاءِ سنڌيءَ ۾ هڪ درخواست لکو. ۱۰

يا

پنهنجي دوست يا ساهيڙيءَ کي خط لکو، جنهن ۾ پنهنجي اسڪول ۾ ٿيل "جلسو عيد ميلاد النبي ﷺ" جو مختصر حال لکو.

۴- هيٺين مان ڪن به پنجن سوالن جا جواب لکو:- ۱۰

(i) پاڻ سڳورن ﷺ اسلامي برادريءَ بابت ڪهڙو ارشاد فرمايو آهي؟

(ii) شاعر اسلام جي علمي لاءِ ڪهڙي دعا گهري؟

(iii) رڍ ڇيلاءَ ۽ ڪاڏي پيتي جا ٿانو ڪهڙي ريت صاف ڪري گهرجن؟

(iv) حضرت امام جعفر صادق رضه جا ڪهڙا مشهور شاگرد ٿي گذريا آهن؟

(v) واپاري ماڻهوءَ کي ڪهڙو شرط پڙ ايو؟

(vi) ميرن جي دربار جو سڀاڻ ڪهڙي قسم جو هو؟

(vii) عربن جي دور ۾ سنڌي ادب جا ڪهڙا ميدان ملن ٿا؟

(viii) قائداعظم شاگردن کي نصيحت ڪندي ڪهڙين ڳالهين ڌيان ڏيڻ سنڌ ڏياڻ ڇڪايو آهي؟

(ix) حضرت سلمان رض ڪٿي جو رهاڪو هو ۽ اسلام قبول ڪرڻ کانپوءِ ڪهڙيون خدمتون سرانجام ڏنيون؟

(x) ڏيهي ۾ ڪهڙي ڇڱائي رکيل آهي؟

۵- هيٺين مان ڪن به ڇهن لفظن کي جملن ۾ ڪم آڻيو:- ۸

سڀاڻ - تڪرار - ڏيساور - ڇمڇڙو - ناموس -
پڙناهو - سگهارا - بهبود

۶- (الف) هيٺين مان ڪنهن به هڪ سبق جو خلاصو لکو:- ۷

حجة الوداع وارو خطبو - ماڻهي جنڊري -
ڪُنز دوات آهي

(ب) هيٺ ڏنل پيراگراف جو اردوءَ ۾ ترجمو ڪريو:- ۳

مولانا دين محمد وفائي رحه سنڌ جي انهن تي اعليٰ شخصيتن مان هڪ هو، جن جي علمي ۽ ادبي ڪارنامن تي جيترو نازڪجي اوترو گهٽ آهي. سنڌس ولادت سنڌس ابائي ڳوٺ ڪتي عرف نئين آباد تعلقي ڳڙهي ياسين ۾ ٿي.

یا

کینجھر ایک قدیم اور تاریخی جھیل ہے۔ سندھ کی رومانوی داستان نوری جام تماچی کا تعلق بھی اس جھیل سے ہے۔ حضرت شاہ عبداللطیف بھٹائیؒ نے بھی اسی داستان کے حوالے سے سُر کاموڈ میں کینجھر جھیل کا ذکر کیا ہے۔

٥

۷- (الف) ڏنلن مان صحيح جواب چونڊي خال ڀريو:-

(i) پاڪ پيغمبر ﷺ آخري حج ...... جي مهيني ۾ ادا ڪيو.

(محرم - ذوالحج - صفر)

(ii) اسلام ۾ ...... کي خاص اهميت ڏنل آهي.

(احترام - همت - اتحاد)

(iii) مارچ ...... ع کان 'الوحيد' اخبار جاري ٿي.

(١٩٢٠ - ١٩٢١ - ١٩١٩)

(iv) ...... جو واپ ۾ ڪوبه ڪولي نه چوڪرو جيڪو ڏنائين.

(شام - صبح - رات)

(v) انگريزن قومن جو ادارو ...... عالمي جنگ کانپوءِ ٺهيو هو.

(پهرين - ٽئين - ٻي)

(ب) هيٺ ڏنل خالي جاين مناسب لفظن سان ڀريو:- ٥

(i) منهنجا وطن پيارا وطن، اڳتي سدا ...... وطن

(ii) حضرت عمرؓ حضرت سلمانؓ کي ...... جو گورنر مقرر ڪيو هو.

(iii) قائد اعظم فرمايو ته "توهان ...... جا معمار آهيو."

(iv) عربن اجرڪ کي ...... جي نالي سان سڏيو آهي.

(v) نظم 'ٻڍايون' ٻيک جو ڪو سنڌي شاعر ...... جو لکيل آهي.

۸- (الف) هيٺين مان ڪن ٻن جملن جا ضد لکو:- ٤

ڪنبا - اڳمو - امرت - پياڻيو - عوام - سياڳو - ويجهو - خادم

(ب) هيٺين مان ڪن ٻن جا مذڪر ۽ مونث لکو:- ٣

ماڙي - ڇوڪرو - پٽڙو - مور - نال - شاگرد يا ڇڪي.

(ج) هيٺين مان ڪن ٻن جا جمع لکو:- ٣

چادر - قوم - اُٺ - ڪرسي - پاءُ - گھوڙو

(د) ليڪ ڏنل لفظن جي گرامر موجب سڃاڻپ ڪريو:- ٥

(i) آءُ اَڄ لاهور ويندس.

(ii) احمد کان قلم ورتو.

(iii) جهوڪ نيڪ ڇوڪري سياڻي آهي.

(iv) واهه واهه! محمد علي پاس ٿي ويو.

(v) سکر سنڌ جو هڪ قديم شهر آهي.

سنڌي سليس ٢٠٠٦

١- هيٺين مان ڪنهن به هڪ عنوان تي مضمون لکو:- ٨

(i) آزاديءَ جو ڏينهن (ii) هينجهر ڍنڍ جو سير

(iii) علم وڏي دولت آهي.

٢- هيٺين مان ڪنهن به ٻن بيتن جي سمجهاڻي ڏيو. نظم ۽ شاعر جو نالو پڻ لکو:- ٦

(i) تون ٿي جيا پو ڄاڻ جو، توسان سنڌ رهي جيئڻ ڄڻون،
توسان آڙيهن آ سنڌ ۾، اي سرس سونهارا وطن!

(ii) مزورن ۾ ڪيئن سان همڪاري آهين،
فقيرن جي مجلس جو سينگار آهين.

(iii) منهنجو اندر اڌڪيو، تنهنجي فراق،
مري ٿي مشتاق، ڪا ڪر وٽ وصال جي.

(iv) جنگ جدل آهي چوڌاري، انسان جو رت اڇلي،
سانڍي آهي دنيا ساري، نفرت جي پرچار،

٣- پنهنجي اسڪول جي هيڊ ماستر يا هيڊ ماسترياڻيءَ کي في معاف ڪرڻ لاءِ درخواست لکو. ٨

يا

پنهنجي دوست يا ساهيڙيءَ کي امتحان ۾ پاس ٿيڻ تي مبارڪ باد جو خط لکو.

٤- هيٺين مان ڪنهن به پنجن سوالن جا جواب لکو:- ١٠

(i) ڪلهوڙن جي دور کي سنڌي ادب جو سونهري دور ڇو ٿو سڏيو وڃي؟

(ii) "ڄمڙو راڄ تمڙو پاڳ" سبق جي آکاڻيءَ مان اسان کي ڪهڙي نصيحت ملي ٿي؟

(iii) تمرپور ڪهڙن هنرن جي ڪري مشهور آهي؟

(iv) ڏنگيا وڌ نوڙت جي ڪهڙي نشاني آهي؟

(v) بلندي حاصل ڪرڻ لاءِ شاعر ڪهڙي صلاح ٿو ڏئي؟

(vi) مائي خيريءَ جي حياتيءَ جو مختصر احوال ڏيو؟

(vii) نبي ڪريم ﷺ ڪهڙين ذاتن، ٻارن، يتيمن ۽ مسڪينن واسطي
ڪهڙيون نصيحتون ڪرڻ فرمايون؟
(viii) بين الاقوامي عدالت ڪهڙا ڪهڙا ڪم ڪندي آهي؟
(ix) واڍي مائيءَ کي ڪهڙو شرط ٻڌايو؟
(x) قائداعظم شاگردن کي نصيحت ڪندي ڪهڙن ڳالهين
ڏانهن ڌيان ڇڪايو؟

۵ - ڪن به ڇهن لفظن جا جملا ٺاهيو :- ۸
توفيق - ڏونگر - ڇمڇمو - نيرو -
ممر - جيابو - ڪارڻ - سوڪڙي

۶ (الف) هيٺين مان ڪنهن به هڪ سبق جو تت لکو :- ۷
(i) حجة الوداع (ii) مائي خيري
(iii) قائداعظم جا ارشاد

(ب) هيٺين سٽن جو اردو ۾ ترجمو ڪريو :- ۳
پيارا دوست خط طويل ٿيندو وڃي ٿو ڳالهيون اڃان
به گهڻيون آهن. پر پير جي ڳوٺ ۾ ڏيرن ٽي چانورن
جي ماني، مکڻ ماکي ۾ لسي مون کان اڃان نه وسري آهي.

هيٺ ڏنل پيراگراف جو سنڌيءَ ۾ ترجمو ڪريو :-
حضرت سلمان فارسی رض کو کھیت سے واپس آتے ہوئے دیر ہوگئی،
اس لئے ان کے والد بہت پریشان ہوگئے۔ جب وہ گھر پہنچے تو ان
کے والد نے دیر سے آنے کا سبب پوچھا۔

۷ - (الف) ڏنگين مان صحيح لفظ چونڊي خال ڀريو :- ۵
(i) .... سن ۱۹۳۹ع ۾ جلا وطنيءَ کان واپس آيو.
(مولانا ابوالڪلام آزاد، مولانا عبيدالله سنڌي، مولانا شوڪت علي)
(ii) قائداعظم سرڪاري ملازمن کي .... ڪئي آهي.
(صلاح، هدايت، نصيحت)
(iii) .... جي معنيٰ آهي نيرو رنگ.
(اجرڪ، ازرق، ڪپڙي)
(iv) شاعر وطن جي شان سر سام .... ٿو گهري.
(قربان، گهورڻ، جان)
(v) ڪينجهر ڍنڍ .... هو. (ملاح، هاري، مهاڻو)

سنڌي سليس (لازمي) ۲۰۰۷

وقت ۳ گھنٹے (سائنس گروپ) ڪل نشانات ۷۵

۱۔ هيٺين مان ڪنهن به هڪ عنوان تي مضمون لکو

(۱) وقت جي پابندي (۲) آزاديءَ جو ڏينهن (۳) اسان جو وطن

۲۔ هيٺين مان ڪن ٻن جُزن جي سمجهاڻي ڏيو. نظم ۽ شاعر جا نالا به لکو

(۱) اسان جي دين ايمان کي سلامت رک، خداوندا
بچائج تون مسلمانن جي عزت آبرو هرجاءِ

(۲) تنهنجي مٽيءَ ۾ مشڪ ۽ تنهنجي هوائن ۾ ھُڳاءُ،
مهران جي هر موج جي امرت سندي ڌارا وطن!

(۳) تنهنجي محنت لائي رنگ،
ڏاڪ وجن تني سک جو سنگ.

(۴) سڙي تون ٻين کي ڏئين ٿو سهائي،
رکيل تو ۾ ڪيدي نه آهي چڱائي.

۳۔ پنهنجي اسڪول جي هيڊ ماسٽر / هيڊ ماسترياڻيءَ کي چئن ڏينهن جي موڪل لاءِ هڪ درخواست لکو ـــــ يا ـــــ

پنهنجي دوست / ساهيڙيءَ کي خط لکي کيس امتحان ۾ A-1 گريڊ ۾ پاس ٿيڻ جون مبارڪون ڏيو.

۴۔ هيٺين مان ڪن به چئن لفظن کي پنهنجن جملن ۾ ڪم آڻيو.

اطاعت. لقاءِ. جدوجهد. ڏنگ. ويچا. مهاپاري. ونڊر. تورانتو.

۵۔ هيٺين مان ڪن به پنجن سوالن جا جواب لکو.

(۱) امام جعفر صادق عليه السلام ڪهڙن استادن وٽ تعليم حاصل ڪئي؟

(۲) سليم ۽ ارشد ڏاڙيلن جو خاتمو ڪيئن آندو؟

(۳) ڏيني وٽ نبوت جي ڪهڙي نشاني آهي؟

(۴) تنظيم چو ضروري آهي؟

(۵) پان سيڪورٽ اسلامي برادريءَ بابت ڪهڙو ارشاد فرمايو؟

(۶) ٽالپورن جي دور ۾ ڪهڙا مشهور شاعر ٿي گذريا آهن؟

(۷) سرڪاري ملازمن کي قائد اعظم ڪهڙي هدايت ڪئي آهي؟

(۸) ٽانگ ڪهڙي شرط تي ڪڙهيءَ کي خوابن جو تعبير ٻڌايو؟

(۹) وادي ماني ءَ کي ڪهڙو شرط ٻڌايو؟
(۱۰) نوري ءَ جي قبر ڪٿي آهي ؟
۶۔(الف) هيٺين مان ڪنهن هڪ سبق جو خلاصو لکو.
(۱) هنر دولت آهي ۔ (۲) سنڌي ادب جي مختصر تاريخ (۳) نصر پور.
(ب) هيٺ ڏنل پيراگراف جو اردوءَ ۾ ترجمو ڪريو.
خبردار مٿان مون ڪان پوءِ گمراهه ٿي وڃو ۽ هڪ ٻئي جون سسيون لاهيندا رهو. اوهان کي الله ذوالجلال جي آڏو حاضر ٿيڻو آهي. اهو اوهان جي عملن بابت اوهان کان پُڇاڻو ڪندو ـــ يا ـــ
هيٺ ڏنل پيراگراف جو سنڌيءَ ۾ ترجمو ڪريو.
لڑکیوں کو جہاں دوسرے ہُنر سکھانے کی ضرورت ہے، وہاں یہ بھی لازمی امر ہے کہ انہیں کھانا پکانا بھی سکھایا جائے۔ اس کا مطلب یہ نہیں کہ لڑکیوں کو عمدہ اور عالی شان کھانے پکانے آئیں۔
۷۔(الف) ڏنگين مان صحيح لفظ چونڊي خال ڀريو.
(۱) مولانا وفائي ۱۹۲۰ع ۾ ــــــ اخبار جاري ڪئي. (الوحيد، الحق، توحيد)
(۲) محمد صديق "مسافر" سن ــــــ ۾ ڄائو هو. (۱۸۷۸، ۱۸۸۷، ۱۸۷۹)
(۳) عربن جي دؤر ۾ قرآن شريف جو .... زبان ۾ ترجمو ٿيو هو.(اردو، فارسيءَ، سنڌي) (۴) ٽالپرن کان اڳ .... جو دؤر هو. (ڪلهوڙن، سمن، ارغونن) (۵) دائمي عدالت ، قومن جي انجمن طرفان...... ع ۾ برپا (۱۹۱۷، ۱۹۱۹، ۱۹۲۱)
(ب) هيٺ ڏنل خالي جڳهين کي صحيح جوابن سان ڀريو :
(۱) مائي ڪيري ، مير صوبيدار خان جي .... هئي.
(۲) ماڻهن جي .... تان موڪ گم ٿي ويئي هئي.
(۳) ڇوڪري اُتي هڏن مان .... ٺاهيا.
(۵) .... ڪلاسيڪل شاعريءَ جو هڪ وڏو شاعر ٿي گذريو آهي.
۸۔ (الف) هيٺين مان ڪن به ڇهن لفظن جا ضد لکو :
اعليٰ ، پرديهي، سچ، هيٺ، نيڪ، سخي، انتها،موٽ
(ب) هيٺين مان ڪن ٽن جا مؤنث لکو.
(۱) مون ڪتاب پڙهيا. (۲) اڪرم هيٺ ويٺو آهي. (۳) عثمان ، سلمان کان ننڍو آهي. (۴) مون کي انعام مليو آهي. (۵) مون خواب ۾ ڇا ڏٺو؟

سنڌي سليس

۲۰۰۸ع

وقت ۳ ڪلاڪ (سائنس گروپ) ڪل نشانات: ۷۵

۱. هيٺين مان ڪنهن به هڪ عنوان تي مضمون لکو: (۸)

(۱) ڪلفٽن جو سير (۲) قومي هيرو (۳) وطن جي حب

۲. هيٺين مان ڪن به ٻن بيتن جي سمجھاڻي ڏيڻ سان گڏ نظمن جي شاعر جو نالو ٻڌائي لکو: (۶)

(۱) هتڙا وطن، تنهنجي مٽان شر ساهه سڀ گهوري ڇڏيان
تنهنجو نه مٽ ڪو ديس ٻيو، محبوب موچارا وطن

(۲) . جوڳ پليءَ ڪي سا جهر جوڙ،
ڪيئن سان نينهن نباڻج توڙ

(۳) اسان کي ڏي ، خدا، توفيق طاقت، همت ۽ حشمت ،
اسان مان کي اڳين جهڙا عجب انسان ڪر پيدا،

(۴) شال نه وسرين، هوت ، ٻيو سڀ مون وسري ،
مون کي تانين موت هنئين اڪرين ۾

۳. پنهنجي اسڪول جي هيڊ ماستر / هيڊ ماسترياڻيءَ کي درخواست لکو، جنهن ۾ ان کان پنهنجي اسڪول ۾ "جشن لطيف" ملهائڻ جي اجازت گهرو ...... يا...... پنهنجي دوست / ساهيڙيءَ کي خط لکي شهر ۾ ٿيل موجوده اليڪشن جو اکين ڏٺو احوال ٻڌايو. (۸)

۴. هيٺين مان ڪن به پنجن سوالن جا جواب لکو. (۱۰)

(۱) ڏيئي ۾ ڪهڙي چڱائي رکيل آهي؟ (۲) قائد اعظم شاگردن کي نصيحت ڪندي ڪهڙين ڳالهين ڏانهن ڌيان ڇڪايو آهي؟ (۳) مائي خيريءَ ڪهڙا خير جا ڪم ڪيا؟ (۴) بين الاقوامي عدالت جي ججن جي چونڊ ڪهڙي ريت ٿيندي آهي؟ (۵) ڪينجهر ٻنڌ تي اهو نالو ڪيئن پيو؟ (۶) اتحاد مان ڪهڙا فائدا آهن؟ (۷) پاڻ سڳورن ﷺ جن اسلامي برادريءَ بابت ڪهڙو ارشاد فرمايو؟ (۸) سومرن جي دور جون سنڌي ادب بابت ڪهڙيون ڳالهيون معلوم ٿيون آهن؟ (۹) رڌ پچاءَ ڪاڌي پيتي جا ٿانو ڪهڙي ريت صاف ڪرڻ گهرجن؟ (۱۰) سليم ۽ ارشد ڏاڏيءَ جو خاتمو ڪيئن آندو؟

۵. هيٺين مان ڪن به ڇهن لفظن کي جملن ۾ ڪم آڻيو. (۸)

حيلا ، هاڪارا . جٿا . تحفو . سونهارا . ڏاڪو . رضا . تعاون.

۶۔(الف) هيٺ ڏنل سبقن مان ڪنهن به هڪ جو خلاصو لکو: (۷)

اجرڪ ، حضرت سلمان فارسيؓ ، نصر پور۔

(ب) هيٺ ڏنل پيراگراف جو اردوءَ ۾ ترجمو ڪريو: (۳)

اڃان هون هيڏانهن هوڏانهن پئي نهاريو، ته اوچتو ميرن جي خدمتگار اچي منهنجو بوٽ لاٿو، پوءِ مون کي ميرن جي منجهين وٺ وٺي هليا۔ ...... يا...

هيٺ ڏنل پيراگراف جو سنڌيءَ ۾ ترجمو ڪريو:

پہلی جنگ عظیم کے بعد سیاسی بیداری کی لہر آئی اور تحریک آزادی پروان چڑھی۔ اسی لئے اس دور میں سندھی ادیبوں نے سماج کی اصلاح کے ساتھ سیاسی مقاصد اور تحریک آزادی کو مدنظر رکھا۔

۷۔(الف) ڏنگين مان صحيح لفظ چونڊي خال پريو: (۵)

(۱) الوحيد اخبار ...... ع ۾ جاري ٿي۔ (۱۹۲۳، ۱۹۲۰، ۱۹۳۰)

(۲) حضرت امام جعفر صادق ..... ع ۾ مديني ۾ ڄائو۔ (۲۷، ۱۴۸، ۸۰)

(۳) ڪاڌي لاءِ ڀهرين ضروري ڳالهه ..... آهي (وقت جي پابندي، سنڀال، صفائي)

(۴) سچل سرمست ..... زبانن ۾ شعر چيو آهي (پنجن، ستن، ڇهن)

(۵) مولانا وفائي جي ولادت سن ..... ع ۾ ٿي (۱۳۱۱، ۱۸۹۴، ۱۹۵۰)

(ب) هيٺ ڏنل خالي جاين مناسب لفظن سان پريو: (۵)

(۱) ڪوٽيءَ جي وچ تي هڪ وڏو ..... پيو هو.

(۲) هٿيار بند ڳوناٺا اوچتو وڃي ..... تي ڪڙڪيا.

(۳) دائمي عدالت قومن جي انجمن طرفان ..... ع ۾ برپا ڪئي وئي

(۴) انهن شهرن جي ..... ڏينهون ڏينهن وڌندي پئي وڃي۔

(۵) انگريزن جي دور ۾ ..... شاعريءَ جو رواج پيو.

۸۔(الف) هيٺين مان ڪن به ڇهن لفظن جا ضد لکو۔ سيراندي ، سچي، رهبر، ڏيهي، پرن، ڪمال ، خادم ، بهبودي (۳)

(ب) هيٺ ڏنل لفظن مان ڪن ٽن جا مذڪر يا مونث لکو: (۳)

پيڻ ، جهرڪ ، ڪبوتر ، سان ، ٻڪر ، شينهن۔

(ج) هيٺ ڏنل لفظن مان ڪن به ٽن جا واحد يا جمع لکو: (۳)

هاري ، اڪ ، گهوڙيون ، ماڻهو ، وڻ ، ڇوڪرو۔

(د) ليڪ ڏنل لفظ گرامر موجب ڇا آهن؟ ڄاڻ ڪري لکو: (۵)

(۱) احسن منهنجو دوست آهي (۲) تون ۽ مان گڏ اسڪول هلندا اسين (۳) ڇا تو ماني کاڌي؟ (۴) هو تنهنجو پاءُ آهي ، (۵) ڪاش ! تون منهنجو چوڻ وٺين ها۔

سنڌي سليس

۲۰۰۹

وقت: ۳۰ منٽ

ڪل نمبر: ۱۵

حصو 'الف' (گھڻ چونڊ انتي سوال)

(ڪل مارڪون ۱۵)

مناسب لفظ چونڊي خال ڀريو:-

(۱) سيد ثابت علي شاھ جي وفات ______ ع ۾ ٿي.

(A) ۱۸۴۲ (B) ۱۸۱۲ (C) ۱۸۱۴ (D) ۱۸۱۹

(۲) مائي خيري جو اصل نالو ______ هو.

(A) امير النساءَ (B) خير النساءَ

(C) نور النساءَ (D) مهر النساءَ

(۳) بين الاقوامي عدالت جو صدر مقام ______ جي شهر هيگ ۾ آهي.

(A) برطانيه (B) هالينڊ (C) آمريڪا (D) روس

(۴) محمد صديق "مسافر" ______ ٻولي جو اعليٰ اديب ۽ شاعر آهي.

(A) اردو (B) فارسي (C) سنڌي (D) عربي

(۵) سيحل سرمست ______ ٻولين ۾ شعر چيو آهي.

(A) پنجن (B) ڇهن (C) ستن (D) اٺن

(۶) اجرڪ جي مڪمل ٿيڻ تائين اٽڪل ______ پيرا پور لڳن ٿا.

(A) چوڏهن سو (B) پنجويهه سو

(C) سورهن سو (C) پنج سو

(۷) اجرڪ گھڻو ڪري سنڌ جي ______ وارن شهرن ۾ ٺهي ٿي.

(A) ڏکڻ (B) لاڙ (C) اتر (D) اوڀر

(٨) پاڻ سڳورن ﷺ جن ــــــ تي چڙهي حج جو خطبو ڏنو.
(A) هاٿي (B) گهوڙي (C) اُٺ (D) ڏاچي

(٩) سن ــــــ عيسويءَ ۾ انگريزن سنڌ فتح ڪئي.
(A) ١٨٣٦ (B) ١٨٤٣ (C) ١٨٤٧ (D) ١٨٢٣

(١٠) ٽالپرن کان اڳ ــــــ جو دور رهيو.
(A) سمن (B) ارغون (C) مغلن (D) ڪلهوڙن

(١١) عربن جي دور ۾ قرآن شريف جو ــــــ زبان ۾ ترجمو ٿيو هو.
(A) فارسي (B) اردو (C) سنڌي (D) انگريزي

(١٢) شاهه عبداللطيف ڀٽائي رحه سن ــــــ ع ۾ ڄائو هو.
(A) ١٦٩٠ (B) ١٦٧٠ (C) ١٦٨٠ (D) ١٦٩٠

(١٣) حضرت ﷺ جن جي گهوٽ ۾ هڪ ــــــ رهندي هئي.
(A) پوڙهي (B) مائي (C) يهود (D) چوڪري

(١٤) مولانا دين محمد وفائيءَ ١٩٢٠ع ۾ ــــــ اخبار جاري ڪئي هئي.
(A) الوحيد (B) الحق (C) توحيد (D) تعبير

(١٥) قرآن شريف ۾ ارشاد آهي ته الله جي ــــــ کي مضبوطيءَ سان پڪڙيو ۽ پاڻ ۾ ٽولا ٽولا نه ٿيو.
(A) ڏوريءَ (B) اهڃاڻ (C) رسيءَ (D) دروازي

سنڌي سليس ٢٠٠٩

وقت: ڍائي ڪلاڪ   ڪل نمبر: ٦٠

حصو ’ب‘ (مختصر جواب جا سوال)
(ڪل مارڪون ٣٦)

٢- هيٺين مان ڪن به ڇهن سوالن جا مختصر جواب لکو:- ١٢
(i) نصر پور ۾ ڪهڙا ڪهڙا آڌاڻا هئا؟
(ii) امام جعفر صادق ڪهڙن استادن وٽ تعليم حاصل ڪئي؟
(iii) پاڻ سڳورن ﷺ اسلامي برادريءَ بابت ڪهڙو ارشاد فرمايو؟
(iv) اتحاد نه هئڻ ڪري قوم کي ڪهڙو نقصان ٿيندو؟
(v) مولانا دين محمد وفائيءَ جا ڪهڙا علمي يادگار موجود آهن؟

(vi) مائي خيري ڪڏهن وفات ڪئي؟

(vii) ڇوڪري اُن جي هڏن مان ڇا ٺاهيا؟

(viii) سنڌ جي ثقافت جي اهم سوکڙي ڪهڙي آهي؟

(ix) ميرڻ جي اخلاق بابت پرنس ڇا لکيو آهي؟

(x) نسني رڍ ٻچاءُ ڪندڙ جون وصفون ٻڌايو.

(xi) شاعر جان جو جيابو ڪنهن کي ٿو سڏي؟

۳- ڏنل لفظن مان ڪن به ڇهن جا جملا ٺاهيو:- ۶

پرڏيهي - پيالو - ناموس - عيابڻ - سانت - رحلت - جيئرو - نسيان

۴- (الف) هيٺ ڏنل لفظن مان ڪن به ڇهن جا ضد لکو:- ۴

اُبو - آمريت - زهير - قديم - جوسو - ڏکيا - پيراندي - آباد

(ب) هيٺ ڏنل لفظن مان ڪن به ٽن جا واحد يا جمع لکو:- ۳

جمعو - مورتيون - ملڪا - ڳاڙهو - ٻولي - استاد

(ج) هيٺ ڏنل لفظن مان ڪن به ٽن جا مذڪر يا مونث لکو:- ۳

مور - گهوٽ - پيءُ - ٻڪري - پُٽ - اُٺ

(د) هيٺ ڏنل لفظن مان ڪن به ٻن جون وصفون مثالن سان لکو:- ۴

اسم - صفت - فعل - ضمير

حصو 'ج' (تفصيلي جوابن جا سوال)

(ڪل مارڪون ۲۴)

۵- ڪنهن به هڪ عنوان تي مضمون لکو:-

قومي شاعر - اسان جو وطن - ڪلفٽن جو سير ۶

۶- پنهنجي اسڪول جي هيڊ ماسٽر/هيڊ مسٽريس کي ٽن ڏينهن جي موڪل لاءِ درخواست لکو. ۵

يا

پنهنجي دوست يا ساهيڙيءَ کي A گريڊ ۾ پاس ٿيڻ تي مبارڪباد ڏيو.

سنڌي سليس ۲۰۱۰

وقت ۳ ڪلاڪ — ڪل مارڪون ۷۵

حصو "الف" (گهڻ چونڊ اڻيا سوال)

۱۔ هيٺ ڏنل ممڪن جوابن مان صحيح جواب چونڊي لکو :- ۱۵

(i) پيءُ جي ڏوهه لاءِ .... ذميوار نه آهي؛

(الف) ڀاءُ (ب) پٽ (ج) مامو (د) چاچو

(ii) سنڌ جي سر زمين جا ماڻهو پنج هزار ورهيه اڳ هيڏا نه .... هئا:

(الف) ڏنگا (ب) سياڻا (ج) ڏاها (د) عقلمند

(iii) نماز دين جو مضبوط .... آهي؛

(الف) شهر (ب) ڪوٽ (ج) قلعو (د) ٿنڀو

(iv) بين الاقوامي عدالت ۾ .... جج هوندا آهن.

(الف) تيرهن (ب) سورهن (ج) پندرهن (د) چوڏهن

سنڌي سليس ۲۰۱۰

وقت ۲½ ڪلاڪ — ڪل مارڪون ۶۰

هي پرچو مختصر جواب جي سوالن (حصو 'ب') ۽ تفصيلي جواب جي سوالن (حصو 'ج') تي مشتمل آهي. ۳۰ منٽ ڪاپي پوءِ ڏنهن ويندو ۽ هن جو ڪل وقت صرف ۲½ ڪلاڪ آهي.

حصو "ب" (مختصر جواب جا سوال) (ڪل مارڪون ۳۶)

۲- هيٺين مان ڪنهن به اٺن سوالن جا مختصر جواب لکو: ۱۶

(i) ميرڻ جي پوشاڪ ڪهڙي قسم جي هئي؟

(ii) ٺٽو پور ڪهڙن هنرن جي ڪري مشهور آهي؟

(iii) ماريءَ جي محنت ڪهڙو ولي رنگ لاتي؟

(iv) نوريءَ جي قبر ڪٿي آهي؟

(v) اتحاد مان ڪهڙا فائدا آهن؟

(vi) حضرت امام جعفر صادقؓ جا ڪهڙا مشهور شاگرد ٿي گذريا آهن؟

(vii) اسلام جي علمي لاءِ شاعر ڪهڙي دعا ٿي گهري؟

(viii) عربن جي دور ۾ سنڌي ادب جا ڪهڙا اهڃاڻ ملن ٿا؟

(ix) حضرت سلمانؓ حق ۽ سچ جي ڳولا لاءِ ڪهڙيون ڪوششون ورتيون؟

(x) مائي خيريءَ ڪهڙا خير جا ڪم ڪيا؟

(xi) سليم ۽ ارشد ڏاڙيلن جو خاتمو ڪيئن آندو؟

۳- هيٺ ڏنل لفظن مان ڪنهن به ڇهن جا جملا ٺاهيو:- ۶

ڳنڍي - لاچار - مستحق - جدوجهد - سرفراز - جٿا - تڪرار - لقاءُ

۴- (الف) هيٺ ڏنل لفظن مان ڪنهن به ڇهن جا ضد لکو:- ۴

نئون - مرڻ - شهر - ڳل - ڏينهن - ڀڄاڙي - مٺا - نيڪ

(ب) هيٺ ڏنل لفظن مان ڪنهن به ڇهن جا واحد يا جمع ٺاهيو:- ۳

شيءِ - مندورو - شڪايتون - پاءُ - کوسا - چادر

(ج) هيٺ ڏنل لفظن مان ڪن به ٽن جا مذڪر يا مونث لکو:- ٣

ڏاچي - ڪانءُ - ماسي - ڏاند - شهزادي - حاجي

(د) هيٺين مان ڪن به ٻن جون وصفون مثالن سان لکو:- ٤

ظرف - حرف جر - حرف ندا - صفت

حصو ”ج“ (تفصيلي جوابن جا سوال)

(ڪل مارڪون ٢٤)

٥- هيٺين مان ڪنهن به هڪ عنوان تي مضمون لکو:- ٦

(i) سائنس جي ترقي

(ii) علم وڏي دولت آهي

(iii) ڪراچي شهر

٦- پنهنجي اسڪول جي هيڊ ماسٽر / ماسترياڻي کي پڪنڪ ملهائڻ لاءِ درخواست لکو. ٥

يا

پنهنجي دوست يا ساهيڙي کي خط لکو جنهن ۾ امتحان جي ڪاميابيءَ تي مبارڪون ڏيو.

٧- هيٺين مان ڪن به ٻن شعرن جي تشريح شاعر ۽ نظم جي حوالي سان ڪريو:- ٥

(i) شال نه وسرين هوت، ٻيو سڀ مون وسريا،

مون کي تائين موت، سڪين آسرڻين ۾.

(ii) هميشه شال دنيا ۾، جهنڊو اسلام جو جهولي،

جتي ٻيءَ سو وڃي پهچي، رهي قائم اتي برپا.

(iii) جوڳي ڪيئي ڪي ساجهر جوڙ،

ڪيڏ سان ايمن ٻيا ٿيم نه تُوڙ.

سڪيو سٽا ٻو شل رهين، ڪوسو لڳي تو کي نه واءُ،

ماڪيءَ ۾ مصريءَ کان مٺا، اي جان ڪان پيا را ڏهان.

يا

هيٺ ڏنل بند جي تشريح شاعر ۽ نظم جي حوالي سان ڪريو:-

حياتيءَ جو مقصد سچو تو ٻڌايئن،

ٻين لاءِ پنهنجو ڏُتن من جلايئن،

جلي جي ٻين کي سماڻو ڏين ٿا،

تڪين ڪهڙي تن تان پتنگا ٿين ٿا.

سنڌي سليس ۲۰۱۱

وقت ۳ ڪلاڪ — ڪل مارڪون ۷۵

حصو "الف" (گهڻ چونڊ آئيٽم سوال)

۱۔ هيٺ ڏنل ممڪن جوابن مان صحيح جواب چونڊي لکو:-

(i) سن ۱۸۴۳ع ۾ ——— سنڌ فتح ڪئي.

(الف) عربن (ب) انگريزن ✓ (ج) هندن (د) آمريڪين

(ii) دائمي عدالت سن ——— ع ۾ قائم ٿي.

(الف) ۱۹۲۱ ✓ (ب) ۱۹۲۲ (ج) ۱۹۳۶ (د) ۱۹۴۷

(iii) وادي چوڪري کي ——— ۾ بند ڪري ڇڏيو.

(الف) اوطاق (ب) گهر (ج) ڪوٺيءَ ✓ (د) حويليءَ

(iv) اجرڪ سنڌ جي ثقافت جي اهم سڃاڻ ۽ ——— آهي.

(الف) سوکڙي ✓ (ب) سوغات (ج) نشاني (د) تحفو

(vi) بادشاهه پهريون پيروءَ خواب ۾ ——— ڏٺائين.

(الف) نانگ (ب) ڏيڏي (ج) لومڙي ✓ (د) ترار

(vi) مقدمة الصلوٰة نالي ڪتاب ——— لکيو هو.

(الف) مولانا وفائي (ب) سراج الحق

(ج) مخدوم ابوالحسن ✓ (د) پير علي محمد راشدي

(vii) ڪاڏي لاءِ پهرين ڳالهه ——— جي آهي.

(الف) سامان (ب) پاڻي (ج) مصالحن (د) صفائي ✓

(viii) سيد ثابت علي شاهه ——— چيو آهي.

(الف) اصلاحي شعر (ب) قومي شعر (ج) نوحه (د) مرثيه ✓

(ix) شاهه جو رسالو سنڌي ٻوليءَ جو اهم ——— آهي.

(الف) ڪتاب (ب) ثبوت (ج) دستاويز ✓ (د) مجموعو

(x) پاڻ سڳورن ﷺ عرفات جي ميدان ۾ ——— تي چڙهي خطبو ڏنائون.

(الف) ڏاچيءَ ✓ (ب) اُٺ (ج) گهوڙي (د) منبر

(xi) جيڪو شخص بين لاو ـــــــ ڪرتي ٿو، اهو پاڻ اُٿهي، ڪڏ ۾ ڪرندو.

(الف) ڪڏ ✓ (ب) فرش (ج) زمين (د) ڪوهه

(xii) حضرت سلمان فارسيؓ کي ـــــــ تان موٽندي دير ٿي وئي هئي.

(الف) رستي (ب) بنيءَ ✓ (ج) مسجد (د) گهر

(xiii) ٽالپرن جي دور جو عظيم شاعر ـــــــ هو.

(الف) مولانا رومي (ب) سراج الحق

(ج) مخدوم ابوالحسن (د) سچل سرمست ✓

(xiv) اگهن جي مڪوڙي پاسي ۾ڏن مرغولن سان ـــــــ دروازا هئا.

(الف) ٽي ✓ (ب) چار (ج) پنج (د) ست

(xv) هن وقت قوم نهايت نازڪ ـــــــ مان گذري رهي آهي.

(الف) رستي (ب) دور ✓ (ج) مسئلن (د) جهنگن

٢٠١١

سنڌي سليس

وقت: اڍائي ڪلاڪ

ڪل مارڪون: ٦٠

هدايتون: هيءُ پيپر مختصر جواب جي سوالن (حصو ”ب“) ۽ تفصيلي جواب جي سوالن (حصو ”ج“) تي مشتمل آهي. اڌ ڪلاڪ ڪاپيون ڏنيون وينديون. ان جو ڪل وقت اڍائي ڪلاڪ آهي.

__حصو ”ب“ (مختصر جواب جا سوال)__

مارڪون ٣٦

٢- ڪن ٻارهن سوالن جا جواب لکو:-

(i) اجرڪ سنڌ جي ڪهڙن شهرن ۾ ٺهي ٿي؟

(ii) اتحاد مان ڪهڙا فائدا آهن؟

(iii) امام جعفر صادقؒ ڪهڙن استادن وٽ تعليم حاصل ڪئي؟

(iv) سرڪاري ملازمن کي قائداعظم ڪهڙي نصيحت ڪئي؟

(v) ميرن جي دربار جو ستارو ڪهڙي قسم جو هو؟

(vi) بين الاقوامي عدالت ڪهڙا ڪم ڪندي آهي؟

(vii) گورنر جي تباهي ڏسي ارشد دل ۾ ڪهڙو فيصلو ڪيو؟

(viii) ڪانيءَ جو بادشاهه ڪنهن کي چيو ويجي ٿو؟

(ix) ڪلهوڙن جي دور کي سنڌي ادب جو سونهري دور ڇو ٿو سڏيو وڃي؟

(x) پاڪ پيغمبر ﷺ جن اسلامي برادريءَ بابت ڪهڙو ارشاد فرمايو؟

(xi) بادشاهه پيو پيرو ڪهڙو خواب ڏٺو؟

۳- هيٺ ڏنل لفظن مان ڪن به ڇهن لفظن جا جملا ٺاهيو:-

ناميور ، معمار ، احترام ، رائج ، ساڃاهه ، ڳڻتي ، هاڪارا ، ويجها

۴- (الف) هيٺ ڏنل لفظن مان ڪن به ڇهن لفظن جا ضد لکو:-

حرام ، آسمان ، خادم ، سخي ، شهر ، جنگ ، مهمان ، سچ

(ب) هيٺ ڏنل لفظن مان ڪن به ٽن لفظن جا واحد يا جمع لکو:-

ڪتاب ، گهوڙو ، ڳالهه ، فيصلو ، مدرسا ، نصيحتون

(ج) هيٺ ڏنل لفظن مان ڪن به ٽن لفظن جا مذڪر يا مونث لکو:-

مور ، گهوٽ ، شهزادو ، ڇهرڪي ، ڊاڪٽرياڻي ، پاڏو

(د) هيٺين مان ڪن به ٻن جي تعريف مثالن سان لکو:-

فعل ، صفت ، حرف جملو ، ضمير

۵- هيٺين مان ڪنهن به هڪ عنوان تي مضمون لکو:-

(i) وطن جي حُب (ii) وقت جي اهميت (iii) شاهه عبداللطيف ڀٽائيؒ

۶- پنهنجي اسڪول جي هيڊ ماستر / هيڊماسترياڻيءَ کي هڪ درخواست لکي جنهن ۾ پنهنجي اسڪول ۾ ٻارن جو عالمي ڏينهن ملهائڻ جي اجازت گهرو.

پنهنجي ننڍي ڀاءُ کي هڪ خط لکو، جنهن ۾ پڙهائيءَ سان گڏوگڏ راندين ۾ دلچسپي رکڻ لاءِ نصيحت ڪريو.

۷- هيٺ ڏنل شعرن مان ڪن به ٻن جي تشريح شاعر ۽ نظم جي حوالي سان ڪريو:-

(i) اسان جي دين ايمان کي سلامت رک خداوندا،
بچائج تون مسلمانن جي عزت آبرو هرجا.

(ii) آريءَ جسي اڄ جسي روز نهاريان راهه،
آڻيندس الله مون سر صدقي ڪيو.

(iii) هماري پيارا جوان سگهارا،
ملڪ منهنجي جا جيءَ جيارا.

(iv) تون لي جياپو جان جو، ترسان ستلم جيءَ جون جڙيون،
ترسان اڙيو من آ ستلم، اي سرمن سونهارا وطن.

يا

هيٺ ڏنل بند جي تشريح نظم ۽ شاعر جي حوالي سان لکو:-

مزورن ۽ ڪڙمين سان همڪار آهين،
فقيرن جي مجلس جو سينگار آهين.
سڄي تون پين ڪسي ڏئين ٿو سهائي،
رکيل تو ۾ ڪيڏي نه آهي چڱائي.

8 (الف) هيٺين مان ڪنهن به هڪ سبق جو خلاصو لکو:-

(i) هنر دولت آهي (ii) ڪينجهر ڍنڍ (iii) مائي خيري

(ب) هيٺ ڏنل پيراگراف جو اردو ۾ ترجمو ڪريو:-

جيڪڏهن اوهان واقعي پاڪستان جو وقار بلند ڪرڻ چاهيو ٿا ته اوهان ڪي ڪنهن به قسم جي ڏيل جو شڪار ٿيڻ نه گهرجي، پر ان جي برعڪس عوام ۽ ملڪ جي سچي خادم جي حيثيت سان پنهنجا فرض بي خوفيءَ سان پورا ڪندا رهو.

سنڌي سليس ٢٠١٢

وقت: ٣٠ منٽ

ڪل نمبر: ١٥

حصہ الف (لازمي) (ڪثير الانتخابي سوالات) (١٥)

١. هيٺ ڏنل هرهڪ سوال لاءِ صحيح جواب چونڊيو:

(i) ٺٽي ۾ گورڙ ٺڪونہ هو:

(الف) رش هئي　　(ب) رونق هئي

(ج) محفل هئي　　(د) ✓ سانت هئي

(ii) ڪينجهر آهي هڪ پراڻي ء:

(الف) عظيم ڍنڍ　　(ب) خوبصورت ڍنڍ

(ج) ✓ تاريخي ڍنڍ　　(د) شانـــــدار ڍنڍ

(iii) عربن جي دور ۾ قرآن شريف جو ترجمو ٿيو هو:

(الف) اردو زبــان ۾　　(ب) ✓ سنڌي زبان ۾

(ج) فارسي زبان ۾　　(د) عربي زبان ۾

(iv) شاعري ذريعي مسلمانن کي پيغام ڏنو ويو:

(الف) ✓ سجاڳي جو　　(ب) بيداري جو

(ج) توحـيد جو　　(د) جـــهاد جو

(v) ڪاڏو تيار ڪرڻ گهرجي هميشہ:

(الف) وقت کان اڳ　　(ب) ✓ وقت تي

(ج) وقت کان پوءِ　　(د) هنن مان ڪو بہ نہ

(vi) نوڪريءَ ۾ ٿيندي رهندي آهي:

(الف) چڪ چڪ　　(ب) پريشاني

(ج) خسواري　　(د) ✓ بـدلي

(vii) ڪافيءَ جو پادشاھ چيو وڃي ٿو:

(الف) وتايو فقير کي	(ب) شاهه لطيفؒ کي
✓(ج) مصري شاهه کي	(د) سچل سرمست کي

(viii) سچل سرمست جي مزار ان شهر ۾ آهي:

(الف) سکر	(ب) روهڙي
(ج) شهداد ڪوٽ	✓(د) درازن

(ix) حضرت شاهه عبداللطيف ڀٽائيؒ جي پيدائش جو سن آهي:

✓(الف) ١١٠٢ هجري	(ب) ١١٠٣ هجري
(ج) ١١٠۴ هجري	(د) ١١٠۵ هجري

(x) سڀ انسان اولاد آهن:

✓(الف) آدمؑ جو	(ب) نوحؑ جو
(ج) موسيٰؑ جو	(د) دائودؑ جو

(xi) مائي خيري جو اصل نالو هو:

(الف) زيب النساء	✓(ب) خير النساء
(ج) فخرُ النساء	(د) شمشاد بيگم

(xii) سياڻن سچ چيو آهي ته: دولت آهي:

✓(الف) هنر	(ب) عزت
(ج) عقل	(د) ڏاهپ

(xiii) هاڻي منهنجي سڀني ٻي وٽي آهي:

(الف) اردو	(ب) انگريزي
✓(ج) سنڌي	(د) عربي

(xiv) ٻنهي جهانن جا سردار حضرت محمدﷺ جن جيڪا چادر اوڍيندا هئا اها هئي:

(الف) ڪاري	(ب) سفيد
✓(ج) اجرڪ	(د) شال

(xv) هن وقت قوم گذري رهي آهي نهايت نازڪ:

(الف) رستي مان
(ب) دور مان ✓
(ج) مسئلن مان
(د) حملن مان

سنڌي سليس ٢٠١٢

وقت: ڍائي ڪلاڪ
ڪل نمبر: ٦٠

حصہ ب (مختصر جواب جا سوال) مارڪون: ٣٦

٢۔ ڪن ٻه اٺن سوالن جا جواب لکو: ١٦

(i) اجرڪ جا ڪهڙا چار رنگ ٿيندا آهن؟

(ii) ماني خيري ڪڏهن وفات ڪئي؟

(iii) مولانا وفائيءَ جا ڪهڙا علمي يادگار موجود آهن؟

(iv) پاڪ پيغمبر ﷺ اسلامي برادريءَ بابت ڪهڙو ارشاد فرمايو؟

(v) نصرپور جو شهر ڪهڙي ضلعي ۾ آهي؟

(vi) رڍپچاءَ ۽ ڪاڏي پيٽي جا ٿانون کي ڪهڙيءَ ريت صاف ڪرڻ گهرجي؟

(vii) ٽالپرن جي دور جا ڪهڙا مشهور شاعر ٿي گذريا آهن؟

(viii) قائداعظم جي خيال موجب پاڪستان کي مقصدن کي حاصل ڪرڻ لاءِ رڪاوٽ ڪير رهيو آهي؟

(ix) حضرت امام جعفر صادقؒ ڪهڙن استادن وٽ تعليم حاصل ڪئي؟

(x) اسلام قبول ڪرڻ کان پوءِ حضرت سلمانؓ ڪهڙيون خدمتون سرانجام ڏنيون؟

(xi) جنگ ۽ فساد جو باعث ڪهڙيون ڳالهيون آهن؟

٣۔ هيٺ ڏنل لفظن مان ڪن ٻه ڇهن لفظن جا جملا ٺاهيو: ٦

فيض ، ماڻ ، ڪينو ، تڪرار ، سهڪار ، هاڪ ، هُدي ، مستحق

٤۔ (الف) هيٺ ڏنل لفظن مان ڪن ٻه چئن لفظن جا ضد لکو: ٤

ڏيهه ، زمين ، سهڻو ، ڏڄڻ ، ظالم ، اجر ، نيڪ ، الفت

(ب) هيٺ ڏنل لفظن مان ڪن ٻه ٽن لفظن جا واحد يا جمع لکو: ٣

قوم ، چادر ، علامت ، ڪپڙا ، ملڪ ، سلي

(ج) هيٺ ڏنل لفظن مان ڪن ٻه ٽن لفظن جا مذڪر يا مونث لکو: ٣

پيءُ ، ڏاگهو ، رڍ ، ڪنوار ، ويل ، ڌيءَ

(د) هيٺين مان ڪن ٻه ٻن جي تعريف مثالن سان لکو: ٤

ضمير، صفت، حرف ندا، ظرف

حصو ج (بياني جواب جا سوال) مارڪون: ۲۴

۵۔ هيٺين مان ڪنهن به هڪ عنوان تي مضمون لکو:-

(i) قومي هيرو (ii) پسنديده شاعر (iii) بهار جي موسم

۶۔ پنهنجي اسڪول جي هيڊ ماستر / هيڊماستريائي کي هڪ درخواست لکو، جنهن ۾ ڪاڻس اسڪول ۾ مينهن متاثرن لاءِ چندو گڏ ڪرڻ جي اجازت گهرو. ۵

يا

پنهنجي دوست يا ساهيڙيءَ کي خط لکو، جنهن ۾ ڪيس اسڪول جي ساليانې تقريري مقابلي ۾ پهرين نمبر اچڻ تي مبارڪ باد ڏيو.

۷۔ هيٺ ڏنل شعرن مان ڪن به ٻن جي تشريح شاعر ۽ نظم جي حوالي سان ڪريو:- ۵

(i) اســـــان جي قوم کي آزاد ڪر قرضن ۽ مرضن کان،
اســـــان جـــي قـــوم کـــي آباد ۽ دلشاد ڪر مولا.

(ii) منـــوا وطن تـــنهنجي مٿان سر ساهه سڀ گهوري ڇڏيان،
تـــنهنجو نه مـــٽ ڪو ڏيهه پيو، محبوب موچارا وطن.

(iii) رنگ نسل سڀ ورنگ اجايا، پيٽ پڪڻي جا سانگ ٺهايا،
گـــوري ۾ ڇـــا، ڪـــاري ۾ ڇـــا، ساڳيو آهي ستار،

(iv) شـــال نـــئـــه وســـرين هـــوت، پير سڀ مرن وسري،
مـــرن ڪـــي تاڻـــين مـــوت، هنـــين اڪـــوين ۾.

يا

هيٺ ڏنل بند جي تشريح نظم ۽ شاعر جي حوالي سان لکو:-

حيـــاتيءَ جـــو مقصـــد سمجهـــو ٺـــيو ٺاهين،
ٻيـــن لاءِ پنهنجوڀـــــر تمـــن مـــن جـــلائين،
جـــملي جـــي ٻيـــســن ڪـــي سهائو ڏين ٿا،
لـــڪيـــن گهـــــور تمـــن تـــان پتنگا ٿين ٿا.

۸۔(الف) هيٺين مان ڪنهن به هڪ سبق جو خلاصو لکو:- ۵

(i) اتحاد، تنظيم ۽ يقين محڪم (ii) ٻه ته ٻارهن (iii) ميرن جي درٻار

(ب) هيٺ ڏنل پيراگراف جو اردو ۾ ترجمو ڪريو:- ۳

اسلام ۾ اتحاد کي وڏي اهميت حاصل آهي. قرآن شريف ۾ ارشاد آهي ته "الله جي رسيءَ کي مضبوطيءَ سان پڪڙيو ۽ ٽولا ٽولا نه ٿيو." اسان جي پياري وطن پاڪستان جي باني قائداعظم محمد علي جناح پاڪستان جي پهرين سالگره جي موقعي تي قوم جي نالي پيغام ڏيندي فرمايو هو ته "هن وقت قوم نهايت نازڪ دور مان گذري رهي آهي.

سنڌي سليبس

۲۰۱۳

وقت: ۳۰ منٽ

ڪل نمبر: ۱۵

حصّہ الف (لازمي) (ڪثيرالانتخابي سوالات) (۱۵)

۱۔ هيٺ ڏنل هرهڪ سوال لاءِ صحيح جواب چونڊيو:

(i) نظم "ٻڌايون سڪ جو ڪو سنسار" جو ليکڪ آهي:

(الف) سليم ڳاڙهوي (ب) سچل سرمست

(ج) عبدالڪريم گدائي ✓ (د) بردو سنڌي

(ii) تعليم ڪاتي ۾ ماستر ٿي ڀرتي ٿيو:

(الف) سليم ڳاڙهوي (ب) محمد صديق مسافر ✓

(ج) عبدالڪريم گدائي (د) بردو سنڌي

(iii) جهڙو راڄ تهڙو ڀاڳ، جهڙو راجا، تهڙي:

(الف) عوام (ب) خواص

(ج) راڻي (د) پرجا ✓

(iv) سنڌ جي جهونن، تاريخي، علمي ۽ هنري شهرن مان هڪ آهي:

(الف) نصرپور ✓ (ب) خيرپور

(ج) ميرپورخاص (د) ميرپورماٿيلو

(v) ارشد ڏٺو تہ سليم هو ڏاڍو:

(الف) خوش (ب) پريشان

(ج) گهبرايل ✓ (د) فڪرمند

(vi) ڪاڏو جيترو گهرجي اوتروئي اڳيان رکجي:

(الف) ڪپهي (ب) رڌي ✓

(ج) ناهي (د) سنواري

(vii) عربن جي حڪومت جي دور ۾ سنڌي زبان ۾ ترجمو ٿيو هو:

(الف) توريت جو (ب) انجيل جو

(ج) زبور جو (د) قرآن شريف جو

(viii) "مقدمة الصلواة" نالي ڪتاب نظم ۾ لکيو:

(الف) مخدوم شاهه محمود (ب) مخدوم امين فهيم

(ج) مخدوم ابوالحسن (د) مخدوم رفيق الزمان

(ix) قادربخش بيدل جي وفات جو سن آهي:

(الف) ١٨٦٩ع (ب) ١٨٧٠ع

(ج) ١٨٧١ع (د) ١٨٧٢ع

(x) عورتن جي معاملي ۾ ڊڄندا رهو:

(الف) خداوند تعاليٰ کان (ب) حڪومت کان

(ج) پاڙيسرين کان (د) عوام کان

(xi) حضرت امام جعفر صادقؑ جن جي وفات جو مهينو آهي:

(الف) رمضان (ب) شوال

(ج) محرم (د) صفر

(xii) قومن جي ترقيءَ ۽ سربلنديءَ لاءِ ضرورت هوندي آهي:

(الف) نفاق جي (ب) اخلاص جي

(ج) يقين محڪم جي (د) عمل پيهم جي

(xiii) مولانا وفائيءَ کي ناظم مقرر ڪيو ويو:

(الف) جميعت الاسلام سنڌ جو (ب) جميعت الاسلام هند جو

(ج) جميعت العلماء هند جو (د) جميعت العلماء سنڌ جو

(xiv) خط جي جنهن ڀاڱي ۾ احوال ڏنو آهي، ان کي چئبو آهي:

(الف) ابتدا (ب) منڍ

(ج) سرو (د) عبارت

(xv) ملڪن جا پاڻ ۾ تڪرار نبيريندي آهي:

(الف) سپريم ڪورٽ (ب) هاءِ ڪورٽ

(ج) عالمي عدالت (د) سيڪيورٽي ڪائونسل

سنڌي سليس ٢٠١٣

وقت: ڍهائي ڪلاڪ   ڪل نمبر: ٦٠

حصو ب (مختصر جواب جا سوال)   مارڪون: ٣٦

٢۔ ڪن به اٺن سوالن جا جواب لکو:-

(i) انگريزن جي اوائلي دور ۾ ڪهڙا ليکڪ ٿي گذريا آهن؟

(ii) رڌڻ جاءِ ۽ ڪاڌي پيتي جا ٿانوَ ڪهڙيءَ ريت صاف ڪرڻ گهرجن؟

(iii) نظم "دعا" ۾ شاعر الله تعاليٰ کان ڪهڙي دعا ٿو گهري؟

(iv) سرنديءَ وارن مردن خواهه عورتن کي مائي خيريءَ جي حياتيءَ مان ڪهڙو سبق سکڻ گهرجي؟

(v) تنظيم ڇو ضروري آهي؟

(vi) ٻڙانهن ۽ رنگ جي لحاظ کان اجرڪ جا گهڻا قسم آهن؟

(vii) نظم "ڏيئو" جي آخري بند مان ڪهڙي نصيحت ملي ٿي؟

(viii) ميرن جي اخلاق بابت برنس ڇا لکيو آهي؟

(ix) جنگ ۽ فساد جو باعث ڪهڙيون ڳالهيون آهن؟

(x) نصرپور جو شهر ڪنهن ٻڌايو هو؟

(xi) سليم وڏيڪ ڇو نه پڙهي سگهيو؟

٣۔ هيٺ ڏنل لفظن مان ڪن به ڇهن لفظن جا جملا ٺاهيو:-   ٦

جيابو ، ارڏايون ، خونريزي ، اوج ، پلئي ، ساهت ، معلور ، لاچار

٤۔(الف) هيٺ ڏنل لفظن مان ڪن به چئن لفظن جا ضد لکو:-   ٢

چالبوڪي ، حاضر ، سڀاڳو ، رسڻ ، ڪنگال ، ساڌو ، موت ، ميلاپ

(ب) هيٺ ڏنل لفظن مان ڪن به ٽن لفظن جا واحد يا جمع لکو:-   ٢

خصلت ، مرچاري ، جنازا ، ڏهر ، مشين ، سهڻو

(ج) هيٺ ڏنل لفظن مان ڪن به ٽن لفظن جا مذڪر يا مونث لکو:-   ٢

شهزادي ، سوٽ ، سهڻي ، ڳڻون ، ڇڳي ، ڳابو

(د) هيٺين مان ڪن ٻه ٻن جي تعريف مثالن سان لکو:- ۲

اسم خاص، ضمير متڪلم، فعل، ظرف

حصو "ج" (بياني جواب جا سوال) مارڪون ۲۴

۵۔ هيٺين مان ڪنهن ٻه هڪ عنوان تي مضمون لکو:- ۶

(i) محنت جي عظمت (ii) ڪمپيوٽر جا فائدا (iii) قومي ايڪو

۶۔ پنهنجي اسڪول جي هيڊ ماستر / هيڊماستريائيءَ کي درخواست لکو جنهن ۵
۾ ڪانئس اسڪول ۾ سنڌ جي ثقافت جو ڏينهن ملهائڻ جي اجازت گهرو.

يا

پنهنجي دوست/ ساهيڙيءَ کي خط لکو جنهن ۾ ڪيٽي ڪراچيءَ ۾ ليندڙ
ترقي بابت چاڻ ڏيو.

۷۔ هيٺ ڏنل شعرن مان ڪن ٻه ٻن جي تشريح شاعر ۽ نظم جي حوالي سان ڪريو:- ۵

(i) دفع سڀ انتظاري ڪر، پري سڀ بيقراري ڪر،
خزان مان بهاري ڪر، ته ليون سرسبز ۽ سرها.

(ii) جنگ جدل آهي چوڌاري، انسانن جو رت آ جاري،
ساڙي آهي دنيا ساري، نفرت جي پرچار.

(iii) سچو دوست دشمن تي دلسوز آهي،
سچائي ساڻ سڀ جو شب افروز آهي!

(iv) پنهنجي پرولي، تان پنهون پاڻ لي آهيان،
پاڻ تسي منجهان پاڻ کي، هيءَ پرولا پيو،
صحيح ڪن ڪيو، ته غير گمان اٿي ويا.

يا

هيٺ ڏنل بند جي تشريح نظم ۽ شاعر جي حوالي سان لکو:-

جيسين توکي "مسافر" ارجمندي گهرجي،
جي توکي دنيا ۾ حق پسندي گهرجي،
وٺ جسان ۽ دل سان خاڪساريءَ جي واٽ،
نيوڙي هل جيسين توکي بلندي گهرجي!

۸۔ (الف) هيٺين مان ڪنهن ٻه هڪ سبق جو خلاصو لکو:- ۵

(i) رڏ پيهه (ii) سنڌي ادب جي مختصر تاريخ (iii) جهلو راڄ تهلو ڀاڳ

(ب) هيٺ ڏنل پيراگراف جو اردوءَ ۾ ترجمو ڪريو:- ۳

بادشاهه وٽ پهچي ڪوٽي، چيو ته "بادشاهه سلامت! اوهان خواب ۾ ڏٺي ڏٺي آهي.
توهان گونگي گان، وارو پهاڪو ته ضرور پڙهو هوندو! سو اٿين سمجهو ته اوهان
جي رعيت هاڻي ڳئون وانگر تماشي ٿي چڪي آهي"

سنڌي سليس

۲۰۱۴

وقت: ۳۰ منٽ

ڪل نشانات:۱۵

حصہ الف (لازمی) (کثیرالانتخابی سوالات)

۱ هيٺ ڏنل هرهڪ سوال لاءِ صحيح جواب چونڊيو:

(i) نصرپور جو شهر ٻڌايو هو:

(الف) محمود غزنوي (ب) فيروز شاهه تغلق جي هڪ ا
(ج) محمد بن قاسم (د) مير مراد علي خان

(ii) پوءِ تہ پڙهو گهمايو ويو سڄي:

(الف) شهر ۾ (ب) ملڪ ۾
(ج) بادشاهي ۾ (د) ڳوٺ ۾

(iii) سنڌ تي ڪلهوڙن جي حڪومت شروع ٿي:

(الف) ۱۷۰۱ع کان (ب) ۱۷۱۳ع کان
(ج) ۱۷۱۹ع کان (د) ۱۷۵۵ع کان

(iv) پنهنجا فرض پورا ڪندا رهو:

(الف) ايمانداريءَ سان (ب) سچائيءَ سان
(ج) بي خوفيءَ سان (د) بي ايمانيءَ سان

(v) ۱۹۲۰ع ۾ خلافت ڪانفرنس هن شهر ۾ ٿي:

(الف) ڪراچي (ب) حيدرآباد
(ج) سکر (د) لاڙڪاڻي

(vi) سليم ڳاڙهوي وفات ڪئي:

(الف) سکر ۾ (ب) خيرپور ۾
(ج) بدين ۾ (د) ڪراچي ۾

(vii) ٻڌي ۽ ايڪي سان، همت ۽ بهادريءَ سان انسان ڏاري سگهي ٿو:

(الف) ڪائيون (ب) جبل

✓(ج) ڏونگر (د) پٿر

(viii) سچل سرمست وفات ڪئي:

✓(الف) ۱۸۲۹ع ۾ (ب) ۱۸۲۸ع ۾

(ج) ۱۸۴۹ع ۾ (د) ۱۸۸۰ع ۾

(ix) پيارا دوست خط ٽيندو ٿو وڃي:

(الف) پراڻو (ب) رنگين

✓(ج) طويل (د) عام

(x) سڀ مير مون کي اتي مليا، جڏهن مان آيس دربار جي:

✓(الف) صفي ۾ (ب) اڳڻ ۾

(ج) ڪمري ۾ (د) وچ ۾

(xi) ڪينجهر ڍنڍ تي گهمڻ لاءِ ايندڙ ماڻهو نوري ۽ هن جي قبر تي حاضري ضرور ڀريندا آهن:

(الف) شاهه لطيف ✓(ب) هونڊڙي شاهه

(ج) شاهه حبيب (د) قلندر شهباز

(xii) مٿان مون ڪان پوءِ ٿي وڃو:

(الف) ڪافر (ب) قاتل

✓(ج) گمراهه (د) شيطان

(xiii) حضرت سلمانؓ پنهنجو سمورو مال ڏنو:

(الف) گهر وارن کي (ب) دوستن کي

(ج) پاڙي وارن کي ✓(د) قافلي وارن کي

(xiv) ڇوڪري جو هنر پسند آيو:

✓(الف) شهزاديءَ کي (ب) بادشاهه کي

(ج) واڍي کي (د) ٻانهيءَ کي

(xv) نظم "هاريءَ" جو شاعر آهي:

(الف) بدر شاهه ✓(ب) بردو سنڌي

(ج) سليم ڳاڙهوي (د) استاد بخاري

سنڌي سليس

۲۰۱۴

حصہ ب (مختصر جواب جا سوال)

ڪل نمبر ۳۶

۲ ڪن ٻہ ائن سوالن جا جواب لکو:- ۱٦

(i) حضرت سلمانؓ حق ۽ سچ جي ڳولا لاءِ ڪهڙيون ڪوششون ڪيون؟

(ii) نوريءَ جي قبر ڪٿي آهي؟

(iii) اجرڪ سنڌ جي ڪهڙن شهرن ۾ ٺهي ٿي؟

(iv) هن حج کي ”حجة الوداع“ ڇو ٿو چيو وڃي؟

(v) سرڪاري ملازمن کي قائداعظم ڪهڙي هدايت ڪئي؟

(vi) ڪهڙا ملڪ بين الاقوامي عدالت کان پنهنجا تڪرار نبيرائي سگهن ٿا؟

(vii) پنهنجي محبوب جي انتظار ۾ شاعر جو ڪيئن ٿو وقت گذري؟

(viii) ٽالپرن جي دور ۾ ڪهڙا مشهور شاعر ٿي گذريا آهن؟

(ix) نصرپور ڪهڙن هنرن جي ڪري مشهور هو؟

(x) بادشاهہ پير پيرو ڪهڙو خواب ڏٺو ۽ ڪيس خواب جو تعبير ڪنهن ٻڌايو؟

(xi) حضرت امام جعفر صادقؒ جن جا ڪهڙا مشهور شاگرد ٿي گذريا آهن؟

۳ هيٺ ڏنل لفظن مان ڪن ٻہ ڇهن لفظن جا جملا ٺاهيو:- ٦

پڇاڙي ، تعاون ، سونهن ، ڏاڪو ، وات ، سنسار ، اُپ ، رائج

۴ (الف) هيٺ ڏنل لفظن مان ڪن ٻہ چئن لفظن جا ضد لکو:- ۴

علم ، شهزور ، اڳهون ، اوير ، ٻاهر ، ڪمال ، ڪوسو ، ڏڪار

(ب) هيٺ ڏنل لفظن مان ڪن ٻہ ٽن لفظن جا واحد يا جمع لکو:- ۳

دعوت ، ڌيئرون ، راند ، ڇوڪريون ، وفا ، اجها

(ج) هيٺ ڏنل لفظن مان ڪن ٻہ ٽن لفظن جا مذڪر يا مونث لکو:- ۳

نٿهن ، ڏاند ، گداڙي ، شاعر ، جهرڪي ، ابر

(د) هيٺين مان ڪن ٻہ ٻن جي تعريف مثالن سان گڏ لکو:- ۴

صفت ، ظرف ، حرف جر ، حرف ندا

حصو "ج" (تفصيلي جواب جا سوال) مارڪون ٢٤

٥ هيٺين مان ڪنهن به هڪ عنوان تي مضمون لکو:- ٦

(i) سائنس جا ڪرشما (ii) منهنجي پسنديده شخصيت

(iii) تعليم جي اهميت

٦ پنهنجي اسڪول جي هيڊماستر/هيڊماستريائيءَ کي ٻڌ جي ڏڪاريل ماڻهن جي مدد ڪرڻ لاءِ اسڪول مان چندو گڏ ڪرڻ جي اجازت لاءِ درخواست لکو. ٥

يا

پنهنجي دوست/ساهيڙيءَ کي خط لکو جنهن ۾ ڪيس ٻڌ گهمڻ جي دعوت ڏيو.

٧ هيٺ ڏنل شعرن مان ڪن به ٻن جي تشريح شاعر ۽ نظم جي حوالي سان ڪريو: ٥

(i) منهنجــــــو انــدر اڄ ڪيو فـنا هـن فـراق،
مـــري ٿـي مشتاق ڪـــا ڪــر وَر ولهيءَ جي.

(ii) هميشه شـــال دنـــيا ۾ جهنڊو اســـلام جو جهولي،
جـــتي پهـتي سو وڃي پهچي، رهـي قائم اتي ٻرپا.

(iii) تون ئي جياپو جان جو، تو سان سنڌ جيءَ جيون جڙيون،
تـــو سان اڙيو من آ سنڌ، اي سرس سونهارا وطن!

(iv) جـــوڳ پـــليءَ ڪـــي ســـاجهر جوڙ،
ڪـيٿ ســـان نـــينهن نـــياڻــج تـــوڙ.

يا

هيٺ ڏنل بند جي تشريح نظم ۽ شاعر جي حوالي سان لکو:-

مـــــدد ڏيـــــن تو ڪر ڪار ۾ تون با محنت،
پــرڻ ســـاڻ تــنهنجي ٿـئـي دفع ظلمت،
نـــــ پنـــــهنجي پـــرائي جو ڏارين تفاوت،
رکـــــين قـــلب ۾ ڪانه ڪنهن ڏانهن ڪـدورت.

٨ (الف) هيٺين مان ڪنهن به هڪ سبق جو خلاصو لکو:- ٥

(i) بين الاقوامي عدالت (ii) امام جعفر صادقؒ

(iii) قائداعظم رحمت الله عليه جا ارشاد

(ب) هيٺ ڏنل پيراگراف جو اردوءَ ۾ ترجمو ڪريو:- ٣

هي اهو زمانو هو، جڏهن پهرين مهاڀاري لڙائي هلندڙ هئي. ان ڪـري دنيا جو هرهڪ ماڻهو حيران ۽ پريشان هو. سنڌ جي حالت به ڪا چڱي ڪانه هئي، جيتوڻيڪ جنگ جي تباهين کان بچاءُ هو، پر انگريزن جي غلاميءَ جي ڪري جيڪي جذبا ماڻهن جي دلين ۾ اڀري رهيا هئا، اهي جنگ جي ختم ٿـيڻ کان پوءِ يڪدم ظاهر ٿي پيا.

سنڌي سليس(لازمي)

ڪلاس نائون ۽ ڏهون - سائنس گروپ

٢٠١٥

وقت: اڌ ڪلاڪ　　　　　　　　　　　　　　ڪل مارڪون: ١٥

حصو "الف" (گهڻ چونڊائتا سوال)

هدايتون:
(i) سڀني سوالن جا جواب گهربل آهن.
(ii) سوال ڪاپيءَ ۾ نه لکو. پرچي مطابق سوال جو صحيح نمبر لکي ان جي سامهون صرف جواب ڏيو.
(iii) هر سوال هڪ مارڪ جو آهي.
(iv) توهان کي جيڪو پرچو مليو آهي ان جو ڪوڊ نمبر وڏن اکرن ۾ پنهنجي ڪاپيءَ جي شروعات ۾ لکو.

هيٺ ڏنل هرهڪ سوال لاءِ صحيح جواب چونڊيو:

(i) مولانا وفائيءَ جو علمي ناماچار پکڙجي ويو:
- (☆) سڄيءَ سنڌ ۾
- (☆) سڄيءَ هند ۾
- (☆) ننڍي ڪنڊ ۾
- (☆) هنن مان ڪو به نه

(ii) قومن جي انجمن کي توڙي ڇاهيو ويو:
- (☆) بين الاقوامي عدالت
- (☆) عالمي عدالت
- (☆) دائمي عدالت
- (☆) گڏيل قومن جو ادارو

(iii) اجرڪ جي ڇر جا ڪيترا پنج آهن:
- (☆) قسمر
- (☆) مرحلا
- (☆) نمونا
- (☆) ڊزائنون

(iv) قلمي ۾ گوڙ ڪونه هو، لڳي پئي هئي:
- (☆) سانت
- (☆) خاموشي
- (☆) چُپ
- (☆) روشني

(v) نوري ڄام تماچيءَ جو تعلق به هن ڍنڍ سان آهي:
- (☆) منڇر
- (☆) هاليجي
- (☆) ڪينجهر
- (☆) سيف الملوڪ

(vi) سومرن جي دور جو اهم شاعر هو:
- (☆) سچل سرمست
- (☆) قاضي قاضن
- (☆)شاهه عبداللطيف ڀٽائي
- (☆) سيد ثابت علي شاهه

(vii) ۱۸۴۳ع ۾ انگريزن فتح ڪئي:

(☆) سري لنڪا (☆) ڪراچي

(☆) هند (☆) سنڌ

(viii) مضمونن جو مجموعو "ادبي آئينو" ڇپيل آهي:

(☆) ڪشنچند عزيز جو (☆) سچل سرمست جو

(☆) شاهه عبداللطيف ڀٽائي جو (☆) شيخ اياز جو

(ix) مولانا دين محمد وفائي سيوهڻ ڇڏي ڪراچيءَ ۾ کوليائين:

(☆) مدرسو (☆) اسڪول (☆) دواخانو (☆) اسپتال

(x) هيءُ گيت عبدالڪريم گدائي جو لکيل آهي:

(☆) آهيون الف آسري، محمد مجيوسون (☆) نيڪي

(☆) سچل سرمست جا بيت (☆) ٻڌايون سک جو ڪو سنسار

(xi) ترار جو ڪم آهي:

(☆) خون خرابو (☆) خون ريزي

(☆) خون وهائڻ (☆) هنن مان ڪو به نه

(xii) ارشد جي ڳالهين نوجوانن ۾ پيدا ڪري ڇڏيو:

(☆) جوش ۽ جذبو (☆) اينڪر

(☆) اتحاد (☆) نفاق

(xiii) رڍپچاءَ تي ويهڻ وقت جنهن جنهن شيءِ جي ضرورت هجي، اها پاڻ وٽ رکڻ گهرجي:

(☆) وقت تي (☆) پهريائين

(☆) اڳواٽ (☆) آخر ۾

(xiv) فقه مالڪيءَ جو بنياد وجهندڙ هو:

(☆) جابر بن حيان (☆) امام ابو حنيفه

(☆) امام جعفر صادق (☆) امام مالڪ

(xv) الله جي رسيءَ کي پڪڙيو:

(☆) ڏاڍيان (☆) مضبوطيءَ سان (☆) آهستي (☆) ڍرو

وقت: اڍائي ڪلاڪ　　　　ڪل مارڪون: ٠

هدايتون: هي پيپر مختصر جواب جي سوالن (حصو"ب") ۽ بياني جواب جي سوالن (حصو "ج") تي مشتمل آهي ۽ اڌ ڪلاڪ ڪانپوءِ ڏنو ويندو. ان جو ڪل وقت اڍائي ڪلاڪ آهي

حصو "ب" (مختصر جواب جا سوال)　　　　مارڪون ٣٦

٢. ڪن ٻه ائن سوالن جا جواب لکو:-　　١٦

(i) اعليٰ اخلاقي قدرن جو وچايل ماڳ ڪيئن ٿو مائي سگهجي؟

(ii) پاڻ سڳورن ﷺ حضرت امام حسينؓ بابت ڇا فرمايو آهي؟

(iii) شاهه عبداللطيفؒ اتحاد لاءِ ڪهڙو مثال ڏنو آهي؟

(iv) علامه آءِ آءِ قاضي صاحب ڪراچيءَ جي ڪهڙي مسجد ۾ جمعي جو خطبو ڏيندو هو؟

(v) اسلامي سيڪريٽريٽ ڪيئن نهي؟

(vi) نانگ جي ڏنگ جي جاءِ تي چير جو ڏيو آهي؟

(vii) بادشاهه انهن پائرن جو توراڻتو جو ٿبو؟

(viii) جمشيد نسروانجيءَ جي ڏينهن ۾ ڪراچيءَ جي آدمشماري ڪيتري هئي؟

(ix) ڪيرٿر جبل ۾ مکيه ڪيئون ڪهڙيون آهن؟

(x) سورة البقره ۾ بچت بابت الله تعاليٰ ڪهڙو حڪم فرمايو آهي؟

(xi) آغا خان فائونڊيشن ڪٽي رجسٽر ٿيل آهي؟

٣. هيٺ ڏنل لفظن مان ڪن ٻه چئن لفظن کي جملن ۾ استعمال ڪريو:-　　٤

ملوڪ، پرولي، ڪاراڻتي ، جاڳرتا ،

وسيع ، جديد ، ڪارڻ ، سياهه

٤.(الف) هيٺ ڏنل لفظن مان ڪن ٻه چئن لفظن جا ضد لکو:-　　٤

شهزور ، پاڳ ، ڏاريا ، علم ، پيار ، اقليت ، آمريت ، نظر

(ب) هيٺ ڏنل لفظن مان ڪن ٻه ٽن لفظن جا واحد يا جمع لکو:-　　٣

دعا ، ڇوڪريون ، جهنڊا ، عورتون ، ميز ، رستا

(ج) هيٺ ڏنل لفظن مان ڪن ٻه ٽن لفظن جا مذڪر يا مونث لکو:-　　٣

ڊيل ، پاٽيجو ، ساهيڙي ، ڏوبي ، ڏيءُ ، گدڙ

٥. (الف) هيٺ ڏنل لفظن مان ڪن ٻه چئن جا اشتقاق لکو:-　　٤

پاڇهارا ، سرانجام ، رواداري ، پيغمبر

ابوجهه ، ڪربلا ، رومال ، بين الاقوامي

(ب) -ڪنهن ٻه هڪ جي وصف لکي مثال ڏيو:　　٢

(i) حرف ندا (ii) حرف جملو (iii) اسم (iv) ضمير

نوٹ: صفحہ نمبر ۲۸ اور ۲۹ کا مطالعہ نہ کریں۔ ان کے بجائے مندرجہ ذیل کا مطالعہ کریں۔

وقت ڈھائی گھنٹے　　　　　　　　　　　　　　　　　　　　کل نشانات: ۶۰

حصہ ب (مختصر جواب جا سوال)　　　　　　　　　　　　کل مارکون: ۳۶

۲۔ ڪن ٻارهن سوالن جا جواب لکو:-　　　　　　　　　　　　۱۶

(i) ميرن جي دربار جو سڀ کان ڪهڙي قسم جو هو؟

(ii) نبي ڪريم ﷺ جن زالن، ٻارن، يتيمن ۽ مسڪينن واسطي ڪهڙيون نصيحتون ڪري فرمايون؟

(iii) نفرت جي پرچار جو ڪهڙو نتيجو نڪتو آهي؟

(iv) قائداعظم شاگردن کي نصيحت ڪندي ڪهڙين ڳالهين ڏانهن ڌيان ڇڪايو آهي؟

(v) نصرپور ۾ ڇا ڇا آڏاڻا هئا؟

(vi) بين الاقوامي عدالت ڪهڙا ڪم ڪندي آهي؟

(vii) اتحاد نه هئڻ ڪري قوم کي ڪهڙو نقصان ٿيندو؟

(viii) ڪينجهر جي ڀرسان ٿي اهو نالو ڪيئن پيو؟

(ix) عربن جي دور ۾ سنڌي ادب جا ڪهڙا اهڃاڻ ملن ٿا؟

(x) بادشاهه ٻهريون ڀيرو خواب ڪهڙو ڏٺو؟

(xi) مولانا وفائي کي ڪهڙن بزرگن جي ڪچهريءَ مان فيض حاصل ٿيو؟

۳۔ هيٺ ڏنل لفظن مان ڪن ڇهن لفظن جا جملا ٺاهيو:-　　　　　　　　۶

پڇاڻو ، توفيق ، سرفراز ، تربيت

طالب علم ، ڇهچٽو ، داستان ، جهونن

۴۔ (الف) هيٺ ڏنل لفظن مان ڪن ٻه چئن لفظن جا ضد لکو:-　　　　　۴

رهبر ، ولادت ، پلي ، پڪيون ، نقصان ، گوڙ ، پيرانڊي ، اڳيون

(ب) هيٺ ڏنل لفظن مان ڪن ٻه ٽن لفظن جا واحد يا جمع لکو:-　　　۳

ڪرسي ، دروازو ، عينڪ ، بَلبُ ، واڄ ، ڪُني

(ج) هيٺ ڏنل لفظن مان ڪن ٻه ٽن لفظن جا مذڪر يا مونث لکو:-　　　۳

ڪُتي ، ماسي ، گڏڙ ، ماستر ، فقير ، ماءُ

(د) هيٺين مان ڪن ٻن جي تعريف مثالن سان گڏ لکو:-　　　　　　۴

ضمير ، حرف جر ، فعل ، اسم

حصہ ج (تفصيلي جواب جا سوال) کل مارڪون: ۲۴

۵۔ هيٺين مان ڪنهن به هڪ عنوان تي مضمون لکو:- ۶

(i) منهنجي پسنديده شخصيت (ii) محنت ڪاميابيءَ جي ڪنجي آهي

(iii) تندرستي هزار نعمت آهي

۶۔ پنهنجي اسڪول جي هيڊماسٽر/هيڊماسترياڻيءَ کي سفاري پارڪ جي پڪنڪ جي اجازت لاءِ درخواست لکو. ۵

يا

پنهنجي دوست/ساهيڙيءَ کي خط لکي کيس اسڪول ۾ ٿيندڙ هم نصابي سرگرمين ۾ حصو وٺڻ جي نصيحت ڪريو.

۷۔ هيٺ ڏنل شعرن مان ڪن به ٻن جي تشريح شاعر ۽ نظم جي حوالي سان ڪريو: ۵

(i) جن جو وارث تون، الا، سي ڪيئن رهندا نيڻ منهنجا،
آڳي اُپ خلقيا، پلي خلقيائين پُون،

(ii) اسان کي ڏي خدا توفيق، طاقت، همت ۽ حشمت،
اسان مان کي اڳين جهڙا عجب انسان ڪر پيدا.

(iii) مهل ملي ٿئي، پاڻ ملهائج،
محنت جا ڪي مينهن وسائج،

(iv) تنهنجي مٽيءَ ۾ مشڪ ۽ تنهنجي هوائن ۾ هڳاءُ،
مهراڻ جي هر موج ڇڻ امرت سندي ڌارا وطن!

يا

هيٺ ڏنل بند جي تشريح نظم ۽ شاعر جي حوالي سان لکو:-

ڪڪائن گهرن کي تون روشن ڪرين ٿو،
غريبن جي چونرن کي گلشن ڪرين ٿو،
لٽي سڀ عيان پنهنجو جوڀن ڪرين ٿو،
سحر تائين هر جا نشيمن ڪرين ٿو!

۸۔(الف) هيٺين مان ڪنهن به هڪ سبق جو خلاصو لکو:- ۵

(i) حضرت سليمان فارسي رضي الله تعاليٰ عنهُ (ii) اجرڪ

(iii) نصرپور

(ب) هيٺ ڏنل پيراگراف جو اردوءَ ۾ ترجمو ڪريو:- ۲

ايران ۾ ان وقت زرتشت مذهب جو زور هو، جنهن ۾ باهه جي پوڄا ڪئي ويندي هئي. حضرت سلمانؓ ننڍي هوندي آتشڪدي جي ايتري خدمت ڪئي، جو ڪيس ان جي خاص خادمن ۾ شامل ڪيو ويو.

حصو "ج" (بياني جواب جا سوال) — مارڪون ٢٤

ڪنهن به هڪ عنوان تي مضمون لکو: ٦

(i) دهشت گردي هڪ ناسور آهي

(ii) وقت جي اهميت

(iii) ساٿيهه جي سڪ

پنهنجي اسڪول جي هيڊ ماستر / هيڊماسترياڻيءَ درخواست لکي ڪانفس اسڪول ۾ پشاور واقعي ۾ شهيد ٿيل شاگردن لاءِ قرآن خواني ڪرڻ جي اجازت گهرو. ٦

يا

پنهنجي دوست/ساهيڙي کي خط لکي ڪيس چاڻ ڏيوس ته :علم/تعليم کي عام ڪرڻ سان ئي دهشت گردي، جو خاتمو آڻي سگهجي ٿو.

هيٺين مان ڪن به ٻن بيتن جي سمجهاڻي ڏيو. شاعر ۽ نظم جو نالو پڻ لکو:- ٥

(i) اکر پڙهه الف جو، ٻيا ورق سڀ وسار،
اندر تون اُجار، پنا پڙهندين ڪيترا.

(ii) ڪربلا جي قتل جي ڪر ڪا خبر اي آسمان!
ڪيئن ڏنڌ نيزن چڙهيا، شاهن جا سر اي آسمان!

(iii) ڇا ڪندو ڪو اصل تي يا نسل تي پنهنجي غرور،
اصل نسل انسان جو آهي نما جي واسطي.

(iv) ويو ويچارو سچ گر تي، رڳو ئي ڪج وڪامي ٿو،
لڏي ويا وير واپاري ۽ خود واپار منجي ويا.

يا

هيٺ ڏنل بند جي سمجهاڻي لکي ان جي شاعر ۽ نظم جو نالو پڻ لکو:-

سج چنڊ واجهه ٿو وجهي جنهن جي وٿين منجهان،
ترڪيو اچن ٿا تروار تارن ڪتين منجهان،
ٽڪا ڪندي ٻَجي هوا جنهن جي پتين منجهان،
ڇڪار مينهن ٿو ڪري ڇڪي چتين منجهان.

٩. (الف) هيٺين مان ڪنهن به هڪ سبق جو خلاصو لکو:- ٥

(i) شخصيت ۽ لباس (ii) سنڌي ادب جي مختصر تاريخ

(iii) روهڙي

(ب) ڪن به چئن اصطلاحن جي معنيٰ لکو:- ٢

سٽ سٽڻ ، ڪيرڪنڊ ٿيڻ، منڊلي مچائڻ ، پلر پيئڻ،
ٽپ ٽرڻ ، لائق لڳڻ، چنگ چورڻ ، هٿ ٽنگڻ

سندھی سلیس

۲۰۱۶

وقت: ۳۰ منٹ (ریگولر و پرائیوٹ) کل نشانات: ۱۵

حصہ الف (لازمی) (کثیر الانتخابی سوالات) (۱۵)

ا۔ دیئے ہوئے ممکنہ جوابات میں سے ہر ایک کے لئے درست جواب کا انتخاب کیجئے۔

(i) امام جعفر صادقؒ انهيءَ هجري سن ۾ ڄاوا:

(☆) ۷۰ (☆) ۸۰ (☆) ۱۴۸ (☆) ۱۴۷

(ii) بادشاهه سلامت ٽيون پيرو خواب ۾ ڏٺي:

(☆) ڍڳي (☆) هرڻي (☆) پولڙي (☆) ٻڪري

(iii) نصرپور شهر جا مشهور آهن:

(☆) انب ٻه (☆) ڪارڪون ٻه (☆) صوف ٻه (☆) ڪيرڦا ٻه

(iv) رڌپچاه ۽ ڪاڏي پيتي جي ٽانون ڪي ملي صاف ڪجي:

(☆) چار سان (☆) مٽيءَ سان (☆) صابڻ سان (☆) سرف سان

(v) انگريزن جي دور ۾ هن شاعريءَ جو رواج ٻه پيو:

(☆) عروضي (☆) سياسي

(☆) سماجي (☆) اصلاحي

(vi) سچل سرمست شعر ڇيو آهي:

(☆) ستن ٻولين ۾ (☆) اٺن ٻولين ۾

(☆) نون ٻولين ۾ (☆) ڇهن ٻولين ۾

(vii) بين الاقوامي عدالت جو پهريون اجلاس ٿيو:

(☆) ۱۹۲۱ع ۾ (☆) ۱۹۲۰ع ۾ (☆) ۱۹۴۶ع ۾ (☆) ۱۹۴۲ع ۾

(viii) انهن شهرن جي ڏينهون ڏينهن وڌندي پئي وڃي:

(☆) بجلي (☆) پاڻي

(☆) آدمشماري (☆) هنن مان ڪو ٻه نه

(ix) مائي خيري کي گهڻو چاهه هو:

(☆) گهر سان (☆) وطن سان

(☆) علم سان (☆) غريبن سان

(x) الله جي رسيءَ کي مضبوطيءَ سان پڪڙيو ۽ نه ٿيو:

(☆) دشمن ✓(☆) ٽولا ٽولا

(☆) سڄڻ (☆) هنن مان ڪو به نه

(xi) عربن اجرڪ کي سڏيو آهي، هن نالي سان:

✓(☆) ازرق (☆) چادر

(☆) رلي (☆) پوتڙو

(xii) شاهه عبداللطيف ڀٽائي جو ميلو هر سال ١۴ صفر تي لڳندو آهي:

(☆) درازن ۾ (☆) سيوهڻ ۾

✓(☆) ڀٽ شاهه ۾ (☆) جهرڪ شريف ۾

(xiii) انگريزن سنڌ فتح ڪئي:

(☆) ١٧۵٢ع ۾ (☆) ١٠۵٠ع ۾

✓(☆) ١٨۴٣ع ۾ (☆) ١٩۴٧ع ۾

(xiv) حڪيم فتح محمد سيوهاڻي ڄائو هو:

(☆) حيدرآباد ۾ (☆) ڪراچي ۾

✓(☆) سيوهڻ ۾ (☆) دادو ۾

(xv) ڪڇ مان هڪ انگريز عملدار ڊاڪٽر جيمس برنس کي گهرايو ويو هو، سن:

✓(الف) ١٨٢٧ع ۾ (☆) ١٩٢٧ع ۾

(☆) ١٩۴٧ع ۾ (☆) ١٩٣٦ع ۾

سندھی سلیس

۲۰۱۶

وقت: ڈھائی گھنٹے (ریگولر و پرائیوٹ) کل نشانات: ۶۰

حصہ ب مختصر جواب جا سوال (۳۶)

۲ ڪن ٻہ اٺن سوالن جا جواب لکو:-

(i) نصرپور جو شهر ڪنهن ٻڌايو هو؟
(ii) پاڻ سڳورن ﷺ اسلامي برادري بابت ڪهڙو ارشاد فرمايو؟
(iii) حضرت امام جعفر صادقؒ ڪهڙن استادن وٽ تعليم حاصل ڪئي؟
(iv) مولانا وفائي جا ڪهڙا علمي يادگار موجود آهن؟
(v) مائي خيري ڪڏهن وفات ڪئي ۽ سندس مقبرو ڪٿي آهي؟
(vi) بين الاقوامي عدالت ڪهڙا ڪم ڪندي آهي؟
(vii) سليم ۽ ارشد ڏاڙيلن جو خاتمو ڪيئن آندو؟
(viii) ڪلهوڙن جي دور کي سنڌي ادب جو سونهري دور ڇو تو سڏيو وڃي؟
(ix) سنڌ جي ثقافت جي اهم سوکڙي ڪهڙي آهي؟
(x) سني رڍپچاهه ڪندڙ جون وصفون ٻڌايو.
(xi) اتحاد مان ڪهڙا فائدا آهن؟

۳ هيٺ ڏنل لفظن مان ڪن ٻہ ڇهن لفظن جا جملا ناهيو:-

ڳنڍتي ، لقاءُ ، معذور ، ڦيرو
نامور ، مستحق ، تڪرار ، توفيق

۴ (الف) هيٺ ڏنل لفظن مان ڪن ٻہ ڇهن لفظن جا ضد لکو:-

تڪرار ، ڪاميابيون ، پلي ، اُپ ، آزادي ، صحيح ، گل ، انتها

(ب) هيٺ ڏنل لفظن مان ڪن ٻہ ٽن لفظن جا واحد يا جمع لکو:-

ترقي ، مڪ ، ماڻهو ، قرضُ ، حيلا ، مبارڪون

(ج) هيٺ ڏنل لفظن مان ڪن ٻہ ٽن لفظن جا مذڪر يا مونث لکو:-

ڏاچي ، مور ، ڪانءُ ، مڙسُ ، جهرڪي ، ڊاڪٽر

(د) هينين مان ڪن ٻہ ٻن جي تعريف مثالن سان لکو:-

ظرف ، صفت ، فعل ، حرف جر

حصہ ج بياني جواب جا سوال (٢٤)

٥ هيٺين مان ڪنهن به هڪ عنوان تي مضمون لکو:-
(i) پسنديده ڪتاب (ii) صوفي شاعر (iii) قومي هيرو

٦ پنهنجي اسڪول جي هيڊماستر/هيڊماستريائيءَ کي اسڪول ۾ "سنڌ جي ثقافت جو ڏينهن ملهائڻ" جي اجازت لاءِ درخواست لکو.

يا

پنهنجي والد کي خط لکي ڪانئس ڪتابن ۽ پڙهائي جي خرچ لاءِ ٻه هزار رپين جي گهر ڪريو.

٧ هيٺ ڏنل شعرن مان ڪن به ٻن جي تشريح شاعر ۽ نظم جي حوالي سان ڪريو:

(i) اسان جي قوم کي آزاد ڪر، قرضن ۽ مرضن کان،
اسان جي قوم کي آباد ۽ دلشاد ڪر مولا.

(ii) آريءَ جي اچڻ جي روز نهاريان راهه،
آڻيندس الله، مون سر صدقي ڪيو.

(iii) تون ئي جياپو جان جو، توسان سنڌم جيءَ جون جڙيون،
توسان اڙيو من آ سنڌم، اي سرس سونهارا وطن.

(iv) ٻڪ بيماري ڪيد پچائي،
تنهنجا ڳڻ زمانو ڳائي.

يا

هيٺ ڏنل بند جي تشريح نظم ۽ شاعر جي حوالي سان لکو:-
پري کان منجهيل جي ڪرين رهنمائي،
ڏيا، تو ۾ آهي سراسر سچائي،
سچو دوست دشمن تي دلسوز آهين،
سچائي سان سڀ جو شب افروز آهين.

٨ (الف) هيٺين مان ڪنهن به هڪ سبق جو خلاصو لکو:-
(i) هنر دولت آهي (ii) مائي خيري (iii) ڪينجهر ڍنڍ

(ب) هيٺ ڏنل پيراگراف جو اردوءَ ۾ ترجمو ڪريو:-
عورتن جي معاملي ۾ خداوند تعاليٰ کان ڊڄندا رهو. عورتن تي اوهان جا ۽ هنن جا اوهان تي حق آهن. اوهان جون جانيون ۽ اوهان جا مال هڪٻئي تي اهڙيءَ طرح حرام ڪيا وڃن ٿا، جهڙيءَ طرح اڄوڪي ڏينهن هن شهر ۾ خون خرابي حرام ٿيل آهي.

سنڌي سليس ۲۰۱۷

وقت: ۳۰ منٽ　　　　　　　　　　　　　　　　كل نمبر: ۱۵

حصه الف (لازمي) (كثيرالانتخابي سوالات) (۱۵)

۱۔ هيٺ ڏنل هرهڪ سوال لاءِ صحيح جواب چونڊيو:

(i) فقه مالڪيءَ جو بنياد وجهندڙ هو: (☆) جابر بن حيان
(☆) امام مالڪؒ (☆) ابو حنيفهؒ (☆) امام جعفر صادقؒ

(ii) اڳڻ جي هڪڙي پاسي وڏن مرغولن سان دروازا هئا:
(☆) چار (☆) پنج
(☆) ست (☆) ٽي

(iii) متان مون کان پوءِ تي وڃو: (☆) قاتل
(☆) گمراهه (☆) ڪافر (☆) شيطان

(iv) ترقي حاصل ڪرڻ لاءِ هميشه ضرورت هوندي آهي:
(☆) اتحاد جي (☆) ايمان جي
(☆) عمل جي (☆) قرباني جي

(v) ڇوڪري جو هنر پسند آيو: (☆) بادشاهه کي
(☆) شهزاديءَ کي (☆) واڍي کي (☆) ٻانهيءَ کي

(vi) حضرت سلمان فارسي سمورو مال ڏنو:
(☆) گهر وارن کي (☆) دوستن کي
(☆) قافلي وارن کي (☆) پاڙي وارن کي

(vii) پيارا دوست خط ٿيندو ٿو وڃي (☆) عام
(☆) پراڻو (☆) طويل (☆) رنگين

(viii) بين الاقوامي عدالت جو پهريون اجلاس ٿيو (☆) ۱۹۴۶ع ۾

(☆) ۱۹۲۰ع ۾ (☆) ۱۹۲۷ع ۾ (☆) ۱۹۴۲ع ۾

(ix) ميرن کچ مان هڪ انگريز عملدار ڊاڪٽر جيمس برنس کي گهر ايو هو، سن:

(☆) ۱۸۲۷ع ۾ (☆) ۱۹۶۷ع ۾

(☆) ۱۹۲۷ع ۾ (☆) ۱۹۴۶ع ۾

(x) مائي خيري کي گهٽو چاهه هو: (☆) وطن سان

(☆) علم سان (☆) گهر سان (☆) غريبن سان

(xi) حڪيم فتح محمد سيوهاڻي ڄائو هو:

(☆) حيدرآباد ۾ (☆) سيوهڻ ۾

(☆) ڪراچي ۾ (☆) دادو ۾

(xii) ڪافيءَ جو بادشاهه ٻه چيو ويجي ٿو:

(☆) مصري شاهه کي (☆) شاهه عنايت رضوي کي

(☆) ثابت علي شاهه کي (☆) سچل سرمست کي

(xiii) پنهنجا فرض پورا ڪندا رهو:

(☆) ايمانداريءَ سان (☆) بي ايمانيءَ سان

(☆) بي خوفيءَ سان (☆) سچائي سان

(xiv) نظم هاريءَ جو شاعر آهي: (☆) بدر شاهه

(☆) بردو سنڌي (☆) استاد بخاري (☆) سليم ڳاڙهوي

(xv) مضمونن جو مجموعو "ادبي آئينو" ڇپيل آهي:

(☆) شيخ اياز جو (☆) سچل سرمست جو

(☆) ڪشنچند عزيز جو (☆) شاهه عبداللطيف ڀٽائي جو

سنڌي سليس

۲۰۱۷

وقت: ڍهائي ڪلاڪ

ڪل نمبر: ۶۰

مارڪون: ۳۶

حصہ ب (مختصر جواب جا سوال)

۲۔ ڪن ٻه اٺن سوالن جا جواب لکو:-

(i) حضرت امام جعفر صادقؒ جن جا ڪهڙا شاگرد ٿي گذريا آهن؟

(ii) ڪهڙا ملڪ بين الاقوامي عدالت کان پنهنجا تڪرار نبيرائي سگهن ٿا؟

(iii) حضرت سلمان فارسيؓ حق ۽ سچ جي ڳولا لاءِ ڪهڙيون ڪوششون ڪيون؟

(iv) سرڪاري ملازمن کي قائداعظم ڪهڙي هدايت ڪئي؟

(v) پاڻ سڳورن ﷺ اسلامي برادريءَ بابت ڪهڙو ارشاد فرمايو آهي؟

(vi) سليم ۽ ارشد ڏاڙيلن جو خاتمو ڪيئن آندو؟

(vii) يقين محڪم ڇاکي ٿو سڏجي؟

(viii) مولانا دين محمد وفائي جا ڪهڙا علمي يادگار موجود آهن؟

(ix) واڍي مائيءَ کي ڪهڙو شرط ٻڌايو؟

(x) نانگ ڪهڙي شرط تي ڪڙميءَ کي خوابن جو تعبير ٻڌايو؟

(xi) ڪينجهر ڍنڍ تي اهو نالو ڪيئن پيو؟

۳۔ هيٺ ڏنل لفظن مان ڪن ٻه ڇئن لفظن جا جملا ناهيو:-

اهڃاڻ ، ڦيرو ، پيڙهي ، پڇاڙو

مستحق ، سوڪڙي ، سهائي ، ارڏايون

۴۔(الف) هيٺ ڏنل لفظن مان ڪن ٻه ڇئن لفظن جا ضد لکو:-

ڪرم ، اُپ ، ڪوسو ، پڇاڙي ، پڪيون ، مرڻ ، خلاف ، اداري

(ب) هيٺ ڏنل لفظن مان ڪن ٻه ٽن لفظن جا واحد يا جمع لکو:-

ڪٽ ، اسڪولُ ، اک ، ياڻر ، ڪرسي ، نلڪو

(ج) هيٺ ڏنل لفظن مان ڪن ٻه ٽن لفظن جامذڪر يا مونث لکو:-

وڇ ، سهرو ، پٽ ، مور ، هاٿي ، ڪانءُ

(د) هيٺين مان ڪن ٻه ٻن جي تعريف مثالن سان لکو:-

صفت ، حرف ندا ، ظرف ، حرف جر

حصہ ج (بياني جواب جا سوال)　　　　مارڪون: ٢٤

٥۔ هيٺين مان ڪنهن ٻه هڪ عنوان تي مضمون لکو:-
(i) منهنجي پسنديده شخصيت (ii) وقت جي پابندي (iii) تعليم جي اهميت

٦۔ پنهنجي اسڪول جي هيڊماستر/هيڊماستريائيءَ کي اسڪول ۾ "شاهه عبداللطيف ڀٽائي جو ڏينهن"- ملهائڻ جي اجازت لاءِ درخواست لکو.

يا

پنهنجي دوست يا ساهيڙيءَ کي خط لکي ڪيس ڪراچي گهمڻ جي دعوت ڏيو.

٧۔ هيٺ ڏنل شعرن مان ڪن ٻه ڻ جي تشريح شاعر ۽ نظم جي حوالي سان ڪريو:

(i) اسان کي ڏي خدا توفيق، طاقت، همت ۽ حشمت،
اسان مان کي اڳين جهڙا، عجب انسان ڪر پيدا.

(ii) شال نه وسرين هوت، پيو سپ مون وسري،
مون کي تائين موت هئين اکڙين ۾.

(iii) تون ئي جياپو جان جو، توسان سنڌ جيءَ جون جڙيون،
توسان اڙيو من آ سنڌ، اي سرس سونهارا وطن.

(iv) بڪ بيماري ڪڏ ڀڄائي،
تنهنجا ڳڻ زمانو ڳائي.

يا

هيٺ ڏنل بند جي تشريح نظم ۽ شاعر جي حوالي سان لکو:-
ڪڪائن گهرن کي تون روشن ڪرين ٿو،
غريبن جي چونرن کي گلشن ڪرين ٿو،
لٽي سڄ عيان پنهنجو جوڀن ڪرين ٿو،
سحر تائين هرجا نشيمن ڪرين ٿو.

٨۔
(الف) هيٺين مان ڪنهن ٻه هڪ سبق جو خلاصو لکو:-
(i) مائي خيري (ii) ٻه ته ٻارنهن (iii) نصرپور

(ب) هيٺ ڏنل پيراگراف جو اردوءَ ۾ ترجمو ڪريو:-
مان پاڪستان جي هر باشندي ۽ خاص طرح پنهنجي نوجوان طبقي کي هيءَ ڳالهه چڱيءَ طرح ٻڌائڻ ٿو چاهيان ته خدمت، برداشت، همت جي سچي جذبي جو مظاهرو ڪريو. اهڙو اعليٰ مثال قائم ڪريو، جو اوهان جا ساٿي ۽ ايندڙ نسل اوهان جي پيروي ڪن.

سنڌي سليس ۲۰۱۸

وقت ـ ۳۰ منٽ | ڪل نشانات: ۱۵

۱ـ هيٺ ڏنل هرهڪ سوال لاءِ صحيح جواب چونڊيو:

(i) معاشي لحاظ کان ڪينجهر روزگار جو مکيه وسيلو آهي:
(☆) مزورن لاءِ (☆) هارين لاءِ
✓(☆) مهاڻن لاءِ (☆) واڍن لاءِ

(ii) هن ڪورٽ جو صدر مقام هن ملڪ جي شهر هيگ ۾ آهي:
✓(☆) هالينڊ (☆) سوئٽزرلينڊ (☆) نيپال (☆) انگلينڊ

(iii) ايران ۾ ان وقت مذهب جو زور هو:
(☆) اسلام ✓(☆) زرتشت (☆) عيسائي (☆) يهودي

(iv) نصرپور ۾ ڪيترائي آڏاڻا هئا:
✓(☆) ڪپڙن اڻڻ جا (☆) اجرڪن جا (☆) چانديءَ جا (☆) سون جا

(v) حڪيم فتح محمد سيوهاڻي ڄائو:
(☆) ۱۸۸۱ع ۾ (☆) ۱۸۸۲ع ۾
(☆) ۱۸۸۴ع ۾ ✓(☆) ۱۸۸۰ع ۾

(vi) نظم "هاري" جو شاعر آهي:
✓(☆) بردو سنڌي (☆) بدر شاهه
(☆) استاد بخاري (☆) سليم ڳاڙهوي

(vii) ڄوڪري جو هنر پسند آيو:
(☆) واڍي کي (☆) ڀانهيءَ کي (☆) بادشاهه کي ✓(☆) شهزاديءَ کي

(viii) حضرت امام جعفر صادقؑ جن جي وفات جو مهينو آهي:

(☆) صفر (☆) محرم ✓(☆) شوال (☆) رمضان

(ix) ترڪيءَ جو عظيم رهنما هو:

(☆) حسني مبارڪ (☆) صدام حسين

(☆) رضا شاهه ✓(☆) غازي ڪمال اتاترڪ

(x) عورتن جي معاملي ۾ ڊڄندا رهو:

(☆) پاڙيسرين ڪان (☆) عوام ڪان

(☆) حڪومت ڪان ✓(☆) خداوند تعاليٰ ڪان

(xi) سٺي رڌپچاءَ لاءِ ٽين ضروري ڳالهه آهي:

(☆) سنڀال (☆) صفائي

✓(☆) وقت جي پابندي (☆) هنن مان ڪو به نه

(xii) مارچ ۱۹۲۰ع کان اخبار جاري ٿي:

(☆) عبرت (☆) هلال پاڪستان

✓(☆) الوحيد (☆) اخبار تعليم

(xiii) ارشد ڏنو ته سليم هو ڏاڍو:

(☆) فڪرمند ✓(☆) گهٻرايل

(☆) پريشان (☆) خوش

(xiv) جهڙو راڄ تهڙو ڀاڳ، جهڙو راجا تهڙي:

(☆) خواص ✓(☆) پرجا

(☆) عوام (☆) پرجا

(xv) سن ۱۸۴۳ع ۾ سنڌ فتح ڪئي:

✓(☆) انگريزن (☆) ڪلهوڙن

(☆) ٽالپرن (☆) ارغونن

سندھی سلیس

۲۰۱۸

وقت ڈھائی گھنٹے

کل نشانات:۶۰

حصہ ب (مختصر جواب جا سوال)

کل مارکون: ۳۰

۲۔ کن بہ پنجن سوالن جا جواب لکو:-

(i) سرکاري ملازمن کي قائداعظم کهڙي هدايت ڪئي؟

(ii) انگريزن جي اوائلي دور ۾ کهڙا ليکک تي گنريا آهن؟

(iii) مولانا وفائي جا کهڙا علمي يادگار موجود آهن؟

(iv) اسلام جي کلمي لاءِ شاعر کهڙي دعا ٿو گهري؟

(v) هن حج کي "حجة الوداع" ڇو ٿو چيو وڃي؟

(vi) اتحاد مان کهڙا فائدا آهن؟

(vii) ڳوٺ جي تباهي ڏسي ارشد دل ۾ کهڙو فيصلو ڪيو؟

(viii) جنگ ۽ فساد جو باعث کهڙيون ڳالهيون آهن؟

۳۔ هيٺ ڏنل لفظن مان کن بہ ڇئن لفظن جا جملا ناهيو:-

احترام ، مستحق ، ڏاڪو ، نيڪ نامي

ڪارڻ ، جابلو ، ڪيچ ، سونهارا

۴۔

(الف) هيٺ ڏنل لفظن مان کن بہ ڇئن لفظن جا ضد لکو:-

جديد ، اعليٰ ، پيراندي ، تکرار ، ڳوڙ ، اپ ، نيکي ، جهونن

(ب) هيٺ ڏنل لفظن مان کن بہ ٽن لفظن جا واحد يا جمع لکو:-

ڪنجي ، سزا ، رانديڪا ، اک ، بيٽ ، ڳوڙها

(ج) هيٺ ڏنل لفظن مان کن بہ ٽن لفظن جا مذکر يا مونث لکو:-

سهرو ، ڪانويلي ، جهرڪ ، ڳئون ، شينهن ، زال

(د) هيٺين مان کن بہ ٻن جي تعريف مثالن سان لکو:-

حرف ندا ، فعل ، حرف جر ، صفت

حصہ ج (تفصيلي جواب جا سوال)

کل مارکون: ۳۰

۵۔ هيٺين مان ڪنهن بہ هڪ عنوان تي مضمون لکو:-

(i) ڪلفٽن جو سير (ii) قومي هيرو (iii) بهار جي موسم

٦۔ پنهنجي اسڪول جي هيڊماستر/هيڊماستريائيءَ کي اسڪول جي فِي معاف ڪرڻ لاءِ درخواست لکو.

يا

پنهنجي دوست/ساهيڙيءَ کي خط لکي ڪيس ڪراچي گهمڻ جي لاءِ دعوت ڏيو.

٧۔ هيٺ ڏنل شعرن مان ڪن ٻن جي تشريح شاعر ۽ نظم جي حوالي سان ڪريو:

(i) شال ننڊ وسرين هوت، هيو سڀ مون وسري،
مون ڪي تائين موت، هئين اکڙين ۾.

(ii) سکيو ستابو شل رهين، ڪوسو لڳي توکي نه واءُ،
ماکي ۽ مصريءَ کان مٺا، اي جان کان پيارا وطن!

(iii) مهل ملي ٿئي، پاڻ ملهائج،
محنت جا ڪي مينهن وسائج.

(iv) سڄي دنيا ۾ رک اسلام کي تون اوچ عزت سان،
خدا! اسلام جي ڪلمي سندو تون شان رک بالا.

يا

هيٺ ڏنل رباعي/ بند جي تشريح نظم ۽ شاعر جي حوالي سان لکو:-

مون سان جي ڪٿي ڪو به برائي ٿو ڪري،
دل منهنجي برائيءَ مان نه ته به ان ڏي وري؛
آهه ان سان به دل ساڻ ڪندس پيو نيڪي،
توفيق جو هٿ شال خداوند ڏري!

٨۔

(الف) هيٺين مان ڪنهن به هڪ نظم جو مرڪزي خيال لکو:

(i) وائي (ii) ڏيئو (iii) دعا

(ب) هيٺين مان ڪن به ٽن اصطلاحن جي معنيٰ لکو:

رنگ لڳائڻ ، هڙان ڏيڻ ، سوالي نه خالي موٽائڻ
پڇاڙو ٿيڻ ، لذت چکڻ ، پيرن هيٺان لتاڙڻ

٩۔(الف) هيٺين مان ڪنهن به هڪ سبق جو خلاصو لکو:-

(i) هنر دولت آهي (ii) حضرت امام جعفر صادقؓ (iii) اجرڪ

(ب) هيٺ ڏنل پيراگراف جو اردوءَ ۾ ترجمو ڪريو:-

دنيا جي شان ۽ شوڪت، دولت ۽ عزت کي جيتاڻ ڪونهي، مرڻ وقت ڪو به پاڻ سان اهي ڪٿي ڪو نه ويندو. تنهنڪري هرهڪ سرنديءَ واري کي گهرجي ته حياتيءَ ۾ اهو ڪم ڪري جو مرڻ بعد سندس نيڪنامي ٿي.

يا

هيٺ ڏنل پيراگراف جو سنڌيءَ ۾ ترجمو ڪريو:-

ایک گاؤں میں ایک بیوہ رہتی تھی۔ اس کا ایک بیٹا تھا۔ اس نے سوچا کہ اپنے بیٹے کو کوئی ہنر سکھائے۔ یہ سوچ کر وہ اپنے بیٹے کو شہر لے آئی۔ شہر میں ایک بڑھئی کو دیکھا جو بسولے سے لکڑی کے چھال اتار رہا تھا۔ لکڑی کو اس نے اتنا تو چکنا کر دیا جو چیونٹی بھی اس سے پھسل رہی تھی۔

سنڌي سليس

۲۰۱۹

وقت۔ ۳۰ منٽ

ڪل نشانات: ۱۵

۱۔ هيٺ ڏنل هرهڪ سوال لاءِ صحيح جواب چونڊيو:

(i) انگريزن جو دؤر شروع ٿيو:

(☆) ۱۸۴۳ع کان ✓   (☆) ۱۸۴۴ع کان

(☆) ۱۸۴۵ع کان   (☆) ۱۸۴۶ع کان

(ii) "اڪٽيون مينگھ ملهار" شاعريءَ جو مجموعو آهي:

(☆) بردو سنڌي جو ✓   (☆) مصري شاهه جو

(☆) محمد صديق مسافر جو   (☆) مرزا قليچ بيگ جو

(iii) سچل سرمست شعر چيو آهي:

(☆) ستن ٻولين ۾ ✓   (☆) اٺن ٻولين ۾

(☆) نَوَن ٻولين ۾   (☆) پنجن ٻولين ۾

(iv) متان مون کان پوءِ ٿي وڃو:

(☆) گمراهه ✓   (☆) ڪافر

(☆) قاتل   (☆) شيطان

(v) مائي خيري دفن ٿيل آهي:

(☆) خدا آباد ۾ ✓   (☆) جيڪب آباد ۾

(☆) حسين آباد ۾   (☆) حيدرآباد ۾

(vi) قديم آثارن واري شهر کي ڏسڻ جو پهريون پيرو موقعو مليو:

(☆) لاهور   (☆) ٺٽو

(☆) موئن جو دڙو (☆) ڪاھوءَ جو دڙو

(vii) معاشي لحاظ کان ڪينجھر روزگار جو مکيہ وسيلو آھي:

(☆) مھاڻن لاءِ (☆) لوھارن لاءِ

(☆) ڌوٻين لاءِ (☆) ھنن مان ڪو بہ نہ

(viii) بين الاقوامي عدالت ۾ جج آھن:

(☆) نو (☆) ڏھہ

(☆) پندرھن (☆) پنجويھہ

(ix) ايران ۾ ان وقت مذھب جو زور ھو:

(☆) يھودي (☆) عيسائي (☆) زرتشت (☆) اسلام

(x) عبدالڪريم گدائي جنوري ١٩٠١ع ۾ ڄائو ھو:

(☆) سکر ۾ (☆) ڪراچيءَ ۾ (☆) حيدرآباد ۾ (☆) جيڪب آباد ۾

(xi) ٻانھيءَ شھزاديءَ کي آڇي ڏنا:

(☆) ڪتاب (☆) ھٿيار (☆) اوزار (☆) چانور

(xii) اجرڪ مختلف مرحلن مان گذري مڪمل ٿئي ٿي:

(☆) پنجن (☆) ڏھن

(☆) چوڏھن (☆) سورھن

(xiii) نماز پڙھڻ ۾ ان تي قائم رھو:

(☆) ھميشہ (☆) ڪڏھن ڪڏھن

(☆) ھرھنڌ (☆) ھنن مان ڪو بہ نہ

(xiv) مولانا وفائيءَ ڪتاب لکيا:

(☆) پندرھن (☆) ويھارو (☆) ٽيھارو (☆) چاليھہ

(xv) سنڌي زبان ۾ مرثيي جو رواج وڌو:

(☆) سيد عنايت علي شاھہ (☆) سيد ثابت علي شاھہ

(☆) سيد امير علي شاھہ (☆) سيد وارث علي شاھہ

سنڌي سليس

٢٠١٩

وقت ڈھائی گھنٹے

کل نشانات:٦٠

حصہ ب (مختصر جواب جا سوال)

کل مارکون: ٣٠

٢۔ کن ٻه پنجن سوالن جا جواب لکو:-

(i) هن حج کي "حجة الوداع" ڇو ٿو چيو وڃي؟

(ii) حضرت سلمانؓ حق ۽ سچ جي ڳولا لاءِ ڪهڙيون ڪوششون ڪيون؟

(iii) قائداعظمؒ شاگردن کي نصيحت ڪندي ڪهڙين ڳالهين ڏانهن سندن ڌيان ڇڪايو آهي؟

(iv) ڪافي، جو بادشاهه ڪنهن کي چيو وڃي ٿو؟

(v) جنگ ۽ فساد جو باعث ڪهڙيون ڳالهيون آهن؟

(vi) مولانا وفائي، جا ڪهڙا علمي يادگار موجود آهن؟

(vii) سنڌ جي ثقافت جي اهم سوکڙي ڪهڙي آهي؟

(viii) ڪرمي، کي خواب جو تعبير ڪنهن ٻڌايو؟

٣۔ هيٺ ڏنل لفظن مان ڪن ٻه ڇهن لفظن جا جملا ٺاهيو:-

عمل پيهم ، ڇهچٽو ، اوج ، ڳچ

ڪڪائڻ ، ٻوڙي ، هاڪ ، پرڏيهي

٤۔

(الف) هيٺ ڏنل لفظن مان ڪن ٻه ڇهن لفظن جا ضد لکو:-

جهونن ، خادم ، مهمان ، گوڙ ، ولادت ، رهبر ، عجمي ، اُبَ

(ب) هيٺ ڏنل لفظن مان ڪن ٻه ٽن لفظن جا واحد يا جمع لکو:-

دوا ، ڪنجي ، فيصلو ، ڪوجها ، سٿو ، ٻڪريون

(ج) هيٺ ڏنل لفظن مان ڪن ٻه ٽن لفظن جامذڪر يا مونث لکو:-

ٻيرو ، جهرڪي ، پولڙو ، شينهڻ ، بادشاهه ، مورُ

(د) هيٺين مان ڪن ٻه ٻن جي تعريف مثالن سان لکو:-

اسم عام ، ضمير ، فعل ، حرف ندا

حصہ ج (تفصیلی جواب جا سوال)

کل مارکون: ٣٠

٥۔ هيٺين مان ڪنهن ٻه هڪ عنوان تي مضمون لکو:- 5

(i) حضرت شاهه عبداللطيف ڀٽائيؒ (ii) وقت جي پابندي

(iii) ڪينجهر ڍنڍ جو سير

٦- پنهنجي اسڪول جي هيڊماستر/هيڊماستريائيءَ کي ڇٽي ڏيئي جي موڪل لاءِ درخواست لکو.

يا

پنهنجي دوست/ساهيڙيءَ کي خط لکي کيس امتحان ۾ سٺن نمبرن سان ڪامياب ٿيڻ تي مبارڪ باد ڏيوس.

٧- هيٺ ڏنل شعرن مان ڪن به ٻن جي تشريح شاعر ۽ نظم جي حوالي سان ڪريو:

(i) منهنجو اندر اڏ ڪيو، فنا هن فراق،
مري ٿي مشتاق، ڪا ڪر ور وِلهيءَ جي.

(ii) مٺڙا وطن، تنهنجي مٽان سرساهه سڀ گهوري ڇڏيان،
تنهنجو نه مَٽ ڪو ديس پيو، محبوب موچارا وطن!

(iii) سَلي سَلي جي ڪر سنيار،
ڪٽي منجهان ٿين ڪيچ خرار.

(iv) اسان جي دينَ، ايمان کي سلامت رک، خداوند،
بچائج تون مسلمانن جي عزت آبرو هرجا.

يا

هيٺ ڏنل رباعي/ بند جي تشريح نظم ۽ شاعر جي حوالي سان لکو:-
سعادت جو بيشڪ تون آهين ستارو،
ڏيا، تون ٿو لاهين جهان تان انڌارو،
هوا ساڻ سر لاٽ جو ٿو جُهڪائين،
ٿو نِوڙت ڪندي پنهنجي جِيوت بچائين.

٨-
(الف) هيٺين مان ڪنهن به هڪ نظم جو مرڪزي خيال لکو:
(i) سچل سرمست جا بيت (ii) نيڪي (iii) هاري

(ب) هيٺين مان ڪن به ٽن اصطلاحن جي معنيٰ لکو:
ڳڻ ڳائڻ ، ڳوءِ کٽي وڃڻ ، پڇاڙو ٿيڻ
سوالي نه خالي موٽائڻ ، نينهن نباهڻ ، پاڻ ملهائڻ

٩.(الف) هيٺين مان ڪنهن به هڪ سبق جو خلاصو لکو:-
(i) نصرپور (ii) حضرت سلمان فارسيؓ (iii) جهڙو راڄ تهڙو ڀاڳ

(ب) هيٺ ڏنل پيراگراف جو اردوءَ ۾ ترجمو ڪريو:-
سنڌ جي مسلمانن ۾ ڪي عورتون اهڙيون به ٿي گذريون آهن، جيڪي خير جي ڪمن ۾ مردن کان به گوءِ کڻي ويون آهن. مائي خيري به انهن سخي ۽ درياهه دل عورتن مان هڪ هئي، جنهن جو نالو اڄ سوڙ پيو ڳائجي.

يا

هيٺ ڏنل پيراگراف جو سنڌيءَ ۾ ترجمو ڪريو:-
قوموں کی ترقی اور تنزل، کمال اور زوال کا دارومدار اتحاد پر ہے۔ اتحاد وہ روح ہے جو قوموں کو زندگی اور تازگی بخشتا ہے۔ تاریخ گواہ ہے کہ دنیا میں وہی قومیں زندہ رہ سکی ہیں، جن میں اتحاد کی قوت تھی۔